ASX, AIM and Media Release
21 January 2020

Toliara Project drill assays reveal significant high-grade mineralisation

Highlights

- 29,753m aircore drilling program from 770 holes completed over 2018 and 2019.
- Assay results received to date show material heavy mineral intercepts, particularly in the lower sand unit to the west of the current Ranobe Ore Reserves.
- Preliminary mineralogical assessment of two high grade lower sand unit intercepts show:
  - Ilmenite, rutile and zircon make up approximately 50% of the HM and are in similar proportions to those reported in the existing Ranobe Ore Reserves estimate, with the remaining HM showing elevated levels of garnet.
  - An increased proportion of higher value chloride ilmenite contained within the ilmenite.
  - Ilmenite, rutile and zircon minerals appear to be of saleable quality.
- A further drilling program targeting the recently discovered high grade lower sand unit zones will be planned once the results of all existing drilling have been assessed.

Base Resources Limited (ASX & AIM: BSE) (**Base Resources** or the **Company**) is pleased to release initial assay results from recent drilling on the Ranobe mineral sands deposit in Madagascar.

The Toliara Project is based on the Ranobe deposit, located 45km north of Toliara in south-west Madagascar on a 125.4 km^2 mining lease (*Permis d'Exploitation 37242*) (Refer to Figure 2). The deposit comprises a single continuous body of mineralisation approximately 20km long, 1.5km to 5.5km wide and 3m to 100m in thickness and situated immediately west of a prominent north-south escarpment with mineralisation (including ilmenite, rutile and zircon) extending from the surface. The Ranobe deposit is host to the Ranobe Mineral Resources estimate (1.3 billion tonne @ 5.1% HM and 6.4% slimes) and the Ranobe Ore Reserves estimate (586 million tonne @ 6.5% HM and 3.9% slimes).

Over the course of 2018 and 2019, the Company completed 29,753m of drilling from 770 holes to test the extent of mineralisation to the west of the existing Ranobe Mineral Resources and at depth. While assaying is still ongoing, with only 67% of samples completed to date, results received show some material heavy mineral (**HM**) intercepts, particularly in the lower sand unit (**LSU**) to the west of the current Ranobe Ore Reserves.

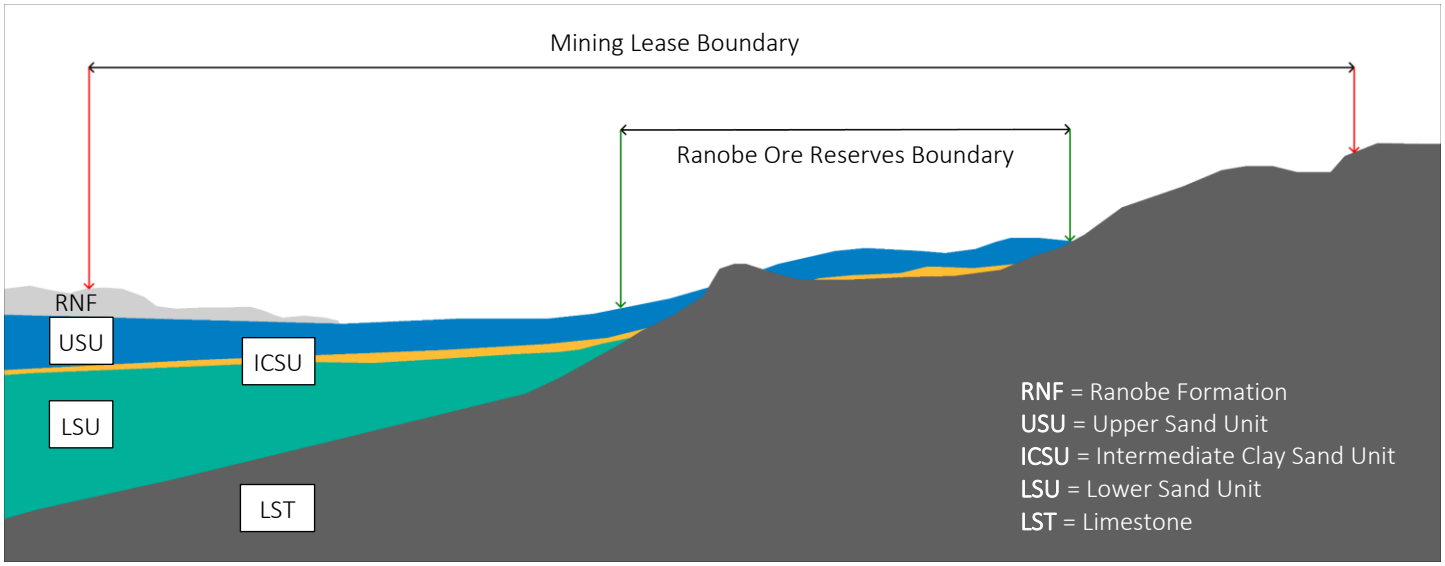
Notable drill holes from the extensional drilling to the west of the current Ranobe Ore Reserves (all from surface) include:

- Hole R2076 – 81m @ 15.7% HM and 8.5% slimes, including LSU of 67.5m @ 18.3% HM and 9.3% slimes.
- Hole R2074 – 87m @ 13.9% HM and 5.1% slimes, including LSU of 69m @ 16.4% HM and 5.4% slimes.
- Hole R2084 – 71.5m @12.2% HM and 5.4% slimes, including LSU of 41.5m @ 17.6% HM and 6.7% slimes.
- Hole R1507A - 72m @11.6% HM and 8.2% slimes, including LSU of 43.5m @ 16.5% HM and 7.1% slimes.
- Hole R2022 – 87m @ 9.1% HM and 5.8% slimes, including LSU of 52.5m @ 13.8% HM and 7.3% slimes.

Refer to Tables 1 - 3 for a list of all currently available assay results from the 2018-19 drill program.

There are currently three recognised mineralised units at the Ranobe deposit: the upper sand unit (**USU**), which is the only unit within the current Ranobe Ore Reserves, the intermediate clay sand unit (**ICSU**) and the LSU, as illustrated in Figure 1 below. Prior to Base Resources' drilling, there were a limited number of intercepts of the ICSU and LSU and expanding the knowledge of these units was a key objective of the current drilling program.

Figure 1: Stylised cross section of the Toliara Project mining lease†



†Stylised schematic section is not to scale and only intended to show the spatial relationships of the mineralised units to illustrate general setting.

The 2018-19 drilling program focused on the following areas:

- Western boundary extensional drilling (162 holes) to investigate the extent to which mineralisation continues to the west of the existing Ranobe Mineral Resources and at depth. Due to access limitations, drilling was limited to the northern half of the mining lease. Drill hole spacing in this area was predominantly 200m, and line spacings of 400m, 800m and 1,600m were used. 7,051 samples were collected, of which 87% have been assayed to date.
- Resource upgrade infill drilling (238 holes) within and around the inferred Ranobe Mineral Resources at the southern end of the deposit, aimed at improving confidence levels to measured or indicated and thereby allowing this area to be considered for inclusion in a future Ranobe Ore Reserves estimate update. In addition, the drilling investigated the lower mineralised units. Drill hole spacing in this area was predominantly 100m and line spacing is now infilled to 400m (from 1,600m). Of the 5,507 samples collected, 30% have been assayed to date.
- Mine planning infill drilling (370 holes) to provide greater definition within the existing Ranobe Ore Reserves for the first three years of mining and to also understand the extent of mineralisation in the lower units. Within the area of the first three years of mining the hole spacing is now 50m-100m and line spacing 100m. Of the 7,477 samples collected, 50% have been assayed to date.

The drill program commenced in 2018 and is ongoing, subject to drill rig availability, access and detailed assessment of all drill holes completed to date. Due to the significant scale of the drill program and associated bulk processing logistics, the majority of samples reported in this announcement were collated and exported from Madagascar in mid- 2019. As noted above, 67% of samples have been assayed to date – with all currently available assays reported in Tables 1-3 below. Assaying of the samples will continue in 2020 and a further announcement will be made once the remaining results are available.

Exploration consisted of reverse circulation aircore holes drilled vertically with a 1.5m sampling interval and represent true width because the deposits zones are flat lying. The distribution of the drill holes is shown in Figures 3 and 4 as either coloured circles (where assays are complete), blue crosses (where assays are not complete) or orange crosses where there were no LSU assays or intercepts. The western boundary extensional drilling, which contains most of the significant intersects, covers an area 11km long and is up to 3km wide. The analysis of samples reported has been performed by Bureau Veritas in South Africa, who utilise a conventional mineral sand analytical procedure conforming to AS4350.2-1999 which reports percentages of heavy minerals, slimes (**SL**) and oversize (**OS**). No data aggregation was performed across drill holes, but the data presented in Tables 1-3 are length weighted averages for each mineralised zone in each drill hole drilled by Base Resources.

Bulk mineralogical assays are yet to be performed but a preliminary mineralogical assessment of two high grade LSU intercepts separated into three magnetic fractions using SEM by Process Mineralogy in Canada are positive. The magnetic fractions were also assayed by XRF. These assessments indicate ilmenite, rutile and zircon make up approximately 50% of the HM and are in similar

proportions to those reported in the existing Ranobe Ore Reserves estimate, with the remaining HM showing elevated levels of garnet within the LSU compared to the USU (approximately 30-35% of HM compared to 1-5%). Additionally, there is some indication of increased levels of the higher value chloride ilmenite within the ilmenite. There was no indication of elevated deleterious oxides within the product minerals that might preclude or hinder their sale. The separability of the garnet and the opportunity to realise value from it will be assessed as part of any future feasibility studies.

Further work planned for 2020 includes:

- Results - completion of the outstanding assays for holes already drilled.
- Exploration - full assessment of all drilling results when available to guide a further drilling program, including targeting the recently discovered high grade LSU zones.
- Mineral Resources upgrade - progression of mineralogical estimates to allow an updated Mineral Resources estimate, focused on improving the confidence level of existing Mineral Resources from Inferred to Indicated in the area of the southern infill drilling.

Competent Person's Statement

The information in this announcement that relates to Ranobe exploration results is based on, and fairly represents, information and supporting documentation prepared by Mr. Scott Carruthers. Mr. Carruthers is a member of the Australasian Institute of Mining and Metallurgy. Mr. Carruthers is employed by Base Resources, he holds equity securities in Base Resources, and is entitled to participate in Base Resources' long-term incentive plan and receive equity securities under that plan. Details about that plan are included in the Company's 2019 Annual Report. Mr. Carruthers has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code and as Qualified Person for the purposes of the AIM Rules for Companies. Mr. Carruthers has reviewed this announcement and consents to the inclusion in this announcement of the Ranobe exploration results and the supporting information in the form and context in which the relevant information appears.

For further information regarding the Ranobe Mineral Resources estimate refer to Appendix 3 below and Base Resources' market announcement on 23 January 2019 "Updated Ranobe Deposit Mineral Resources (corrected)" available at https://www.baseresources.com.au/investor-centre/asx-releases/. For further information regarding the Ranobe Ore Reserves estimate refer to Appendix 3 below and Base Resources' market announcement on 6 December 2019 "Maiden Ranobe Ore Reserves Estimate" available at https://www.baseresources.com.au/investor-centre/asx-releases/. Base Resources confirms that it is not aware of any new information or data that materially affects the information included in the 23 January 2019 and the 6 December 2019 market announcements and all material assumptions and technical parameters underpinning the estimates in those market announcements continue to apply and have not materially changed.

Figure 2: Toliara Project location

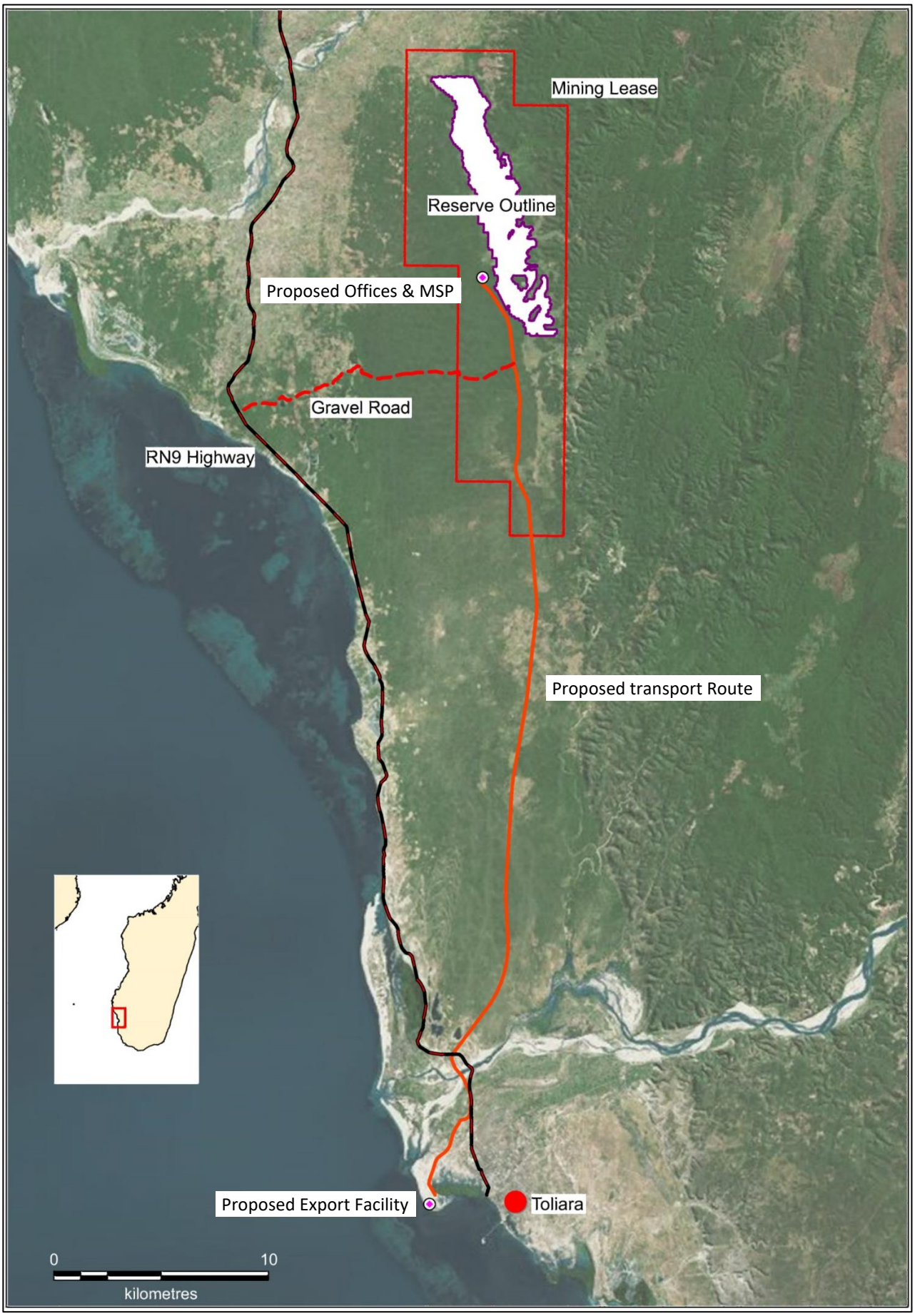
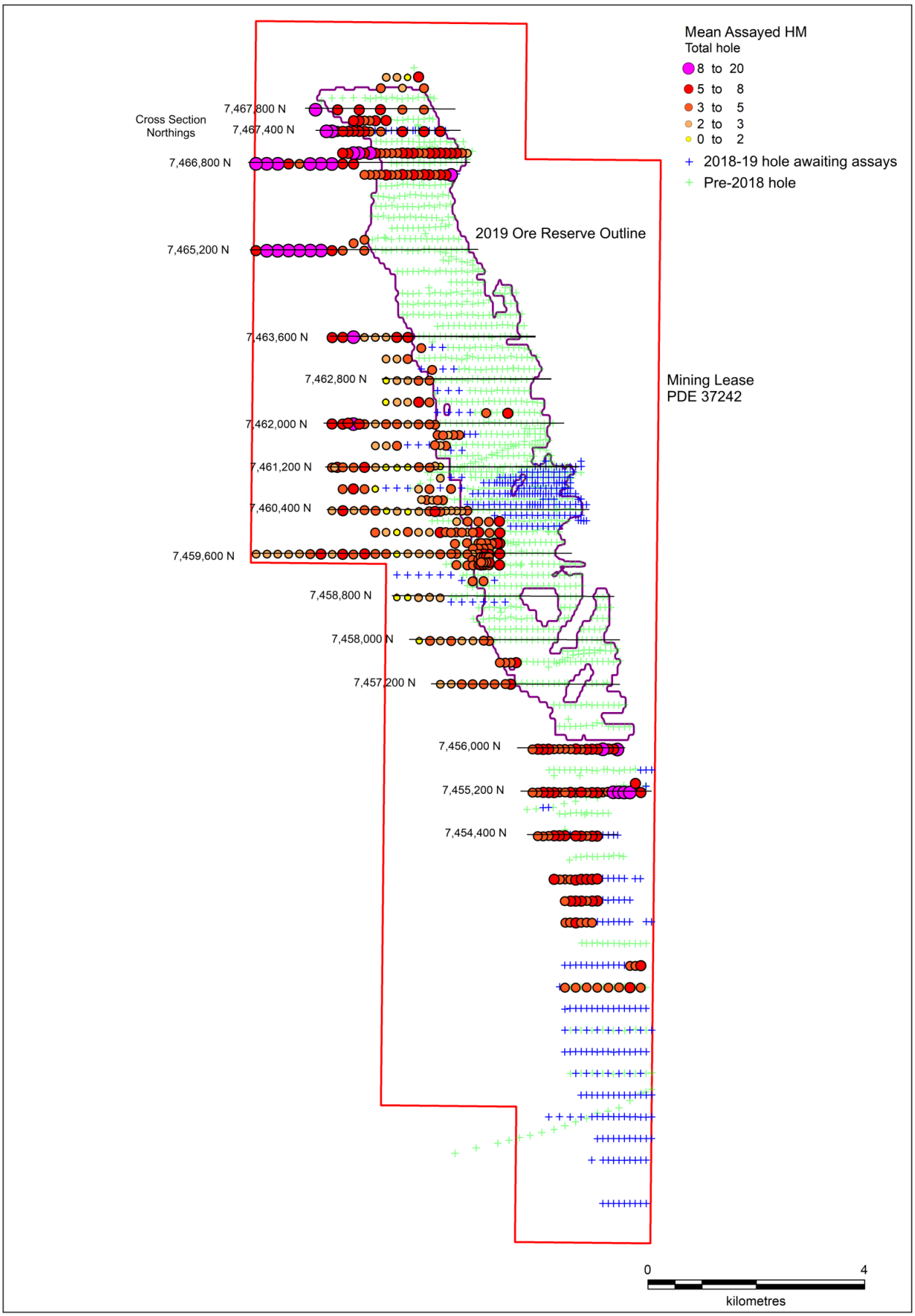
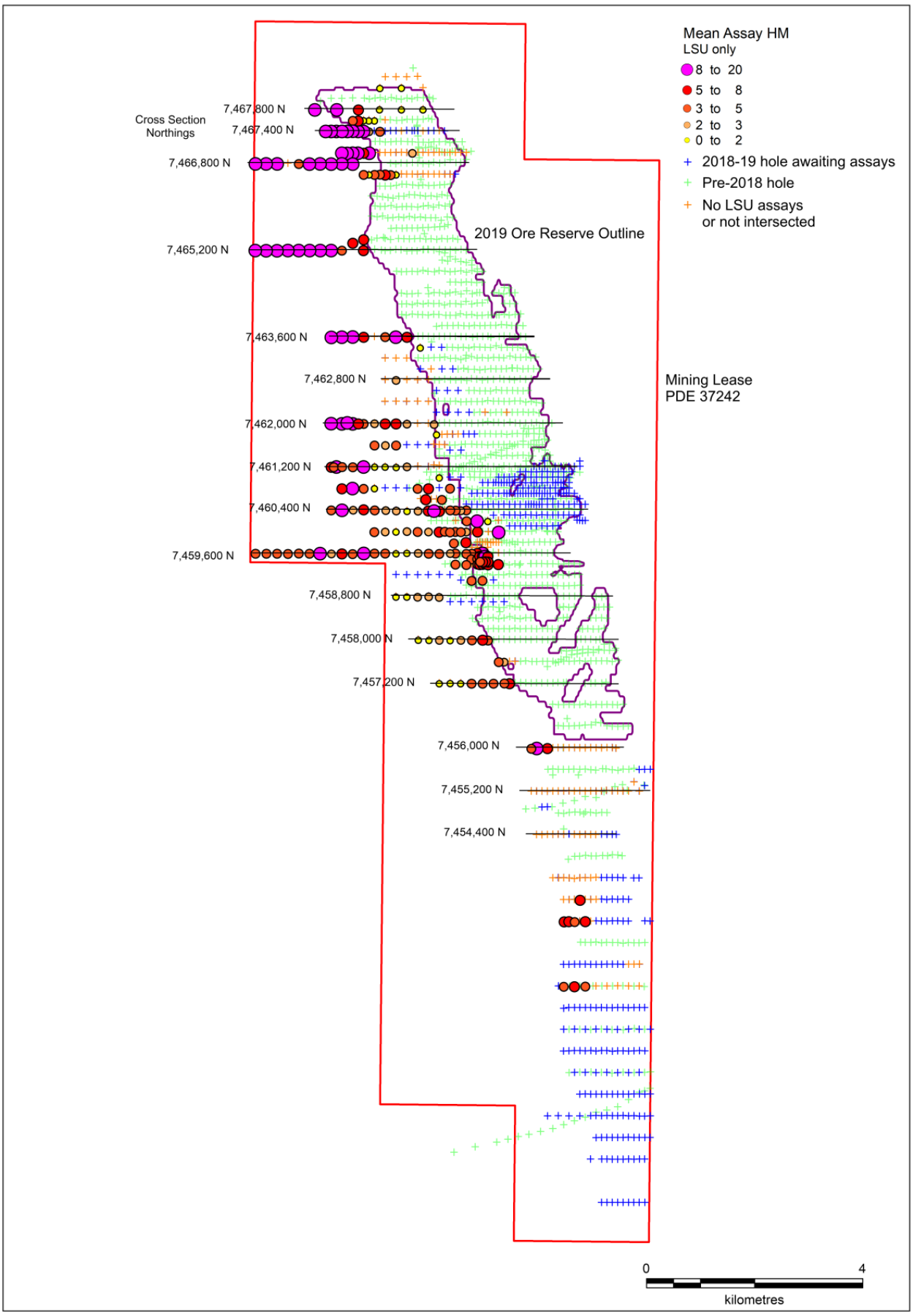


Figure 3: Drill hole collars, cross section locations. Collars coloured by average grade from surface to bottom of hole.



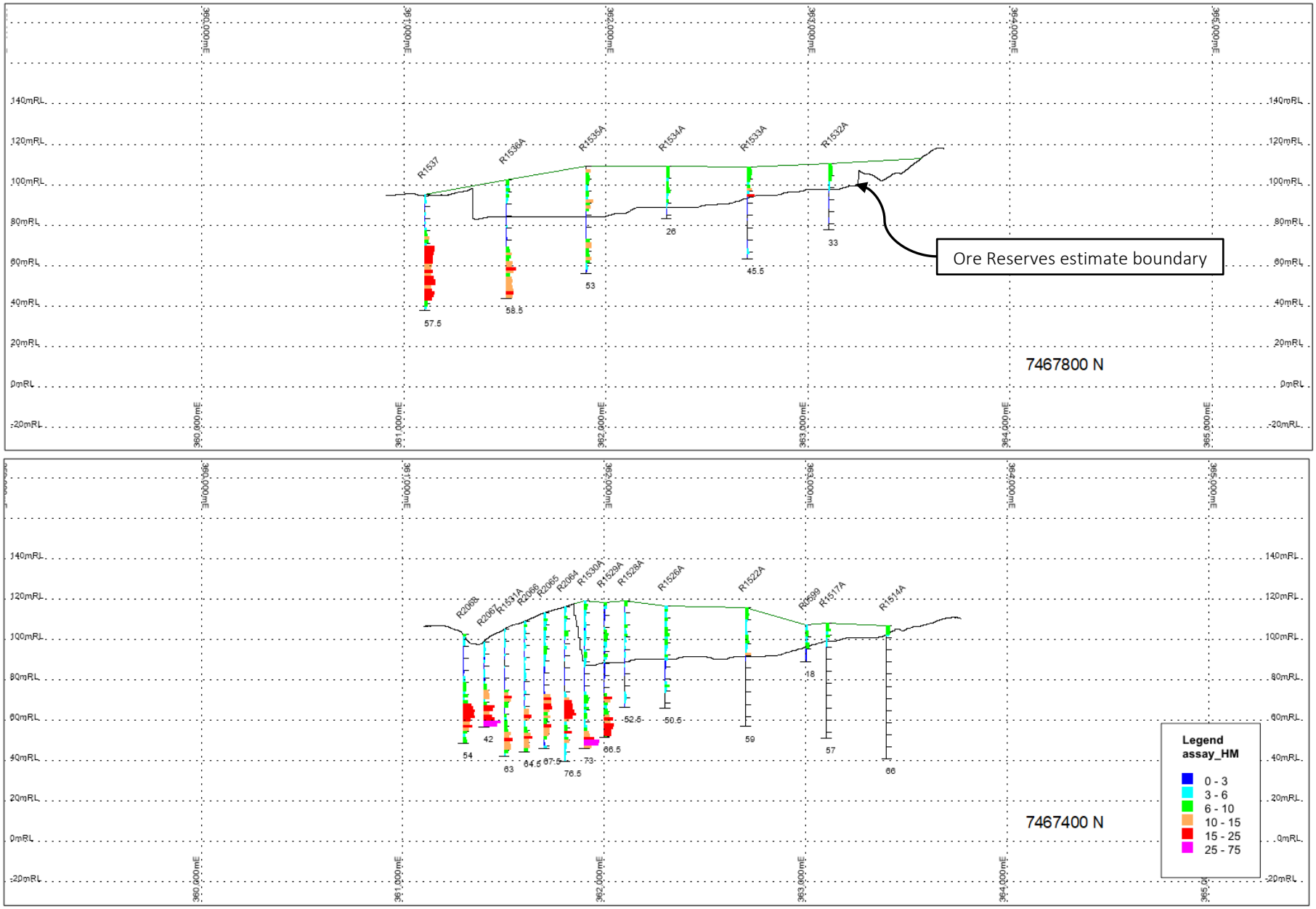
Refer to cross sections in Figure 5 for detailed HM analysis of each drill hole.

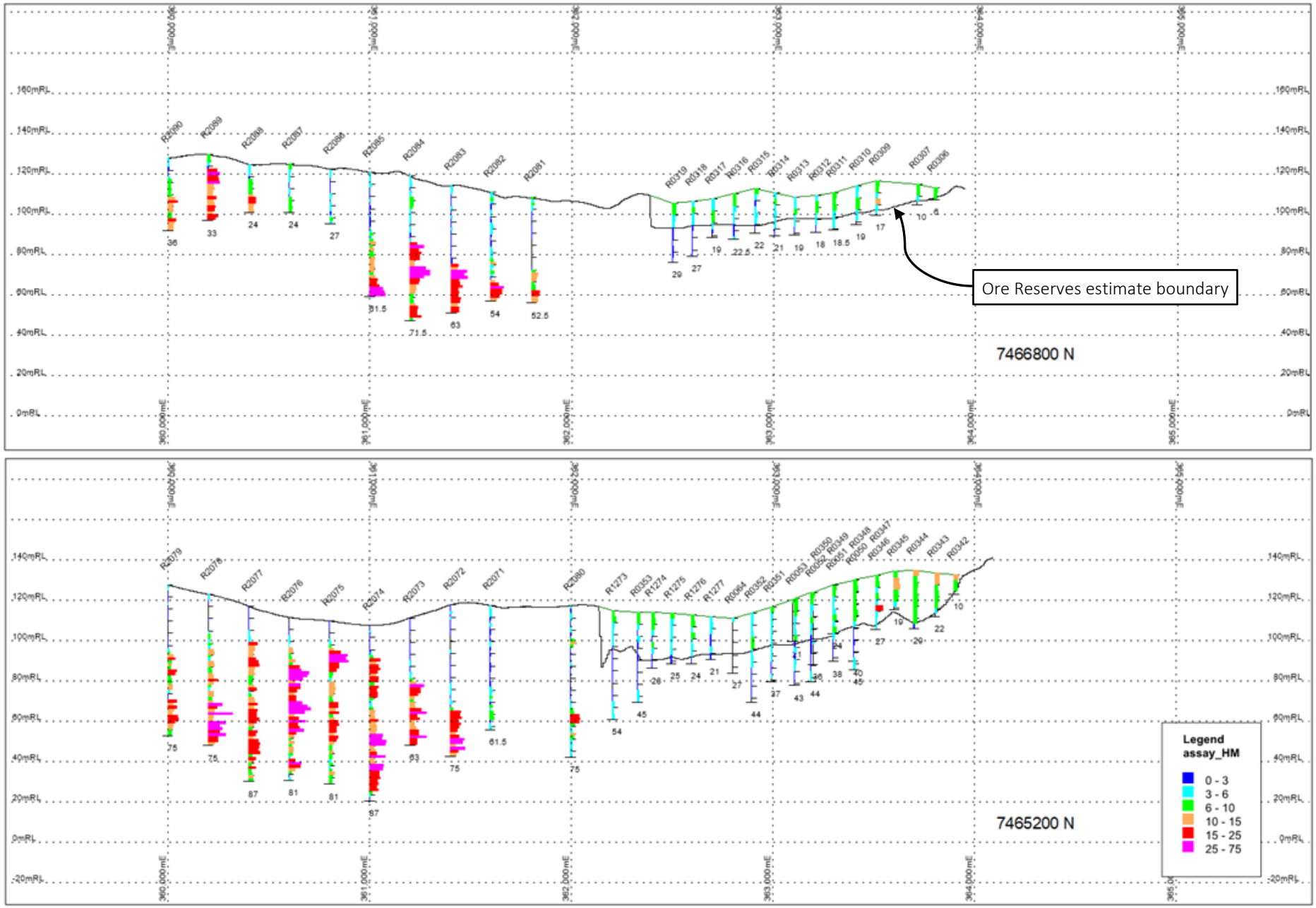
Figure 4: Drill hole collars, cross section locations. Collars coloured by average grade of LSU.



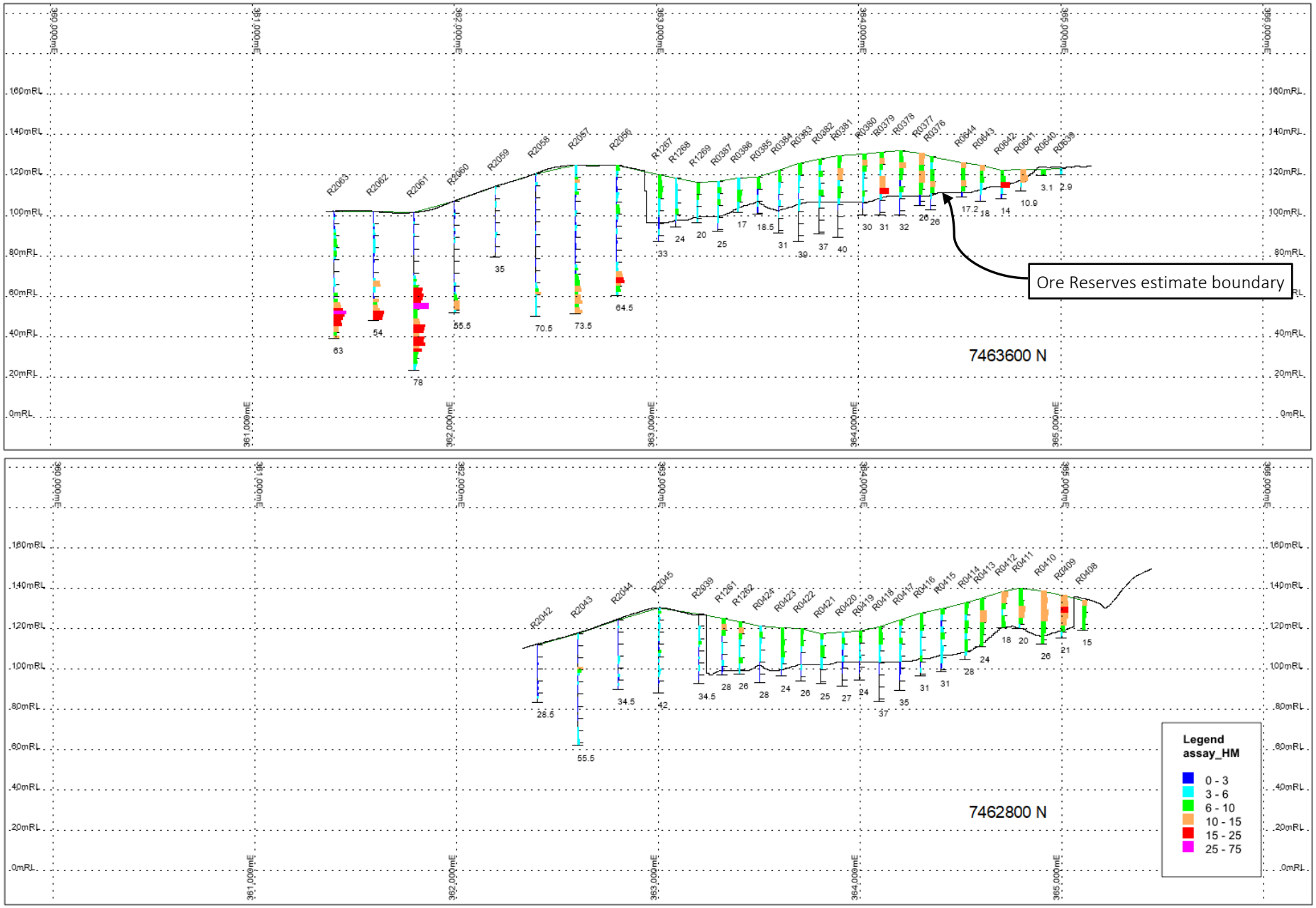
Refer to cross sections in Figure 5 for detailed HM analysis of each drill hole.

Figure 5: Cross sections, sorted by Northing. Ore Reserves estimate profile shown if intersected by the section.





BASE RESOURCES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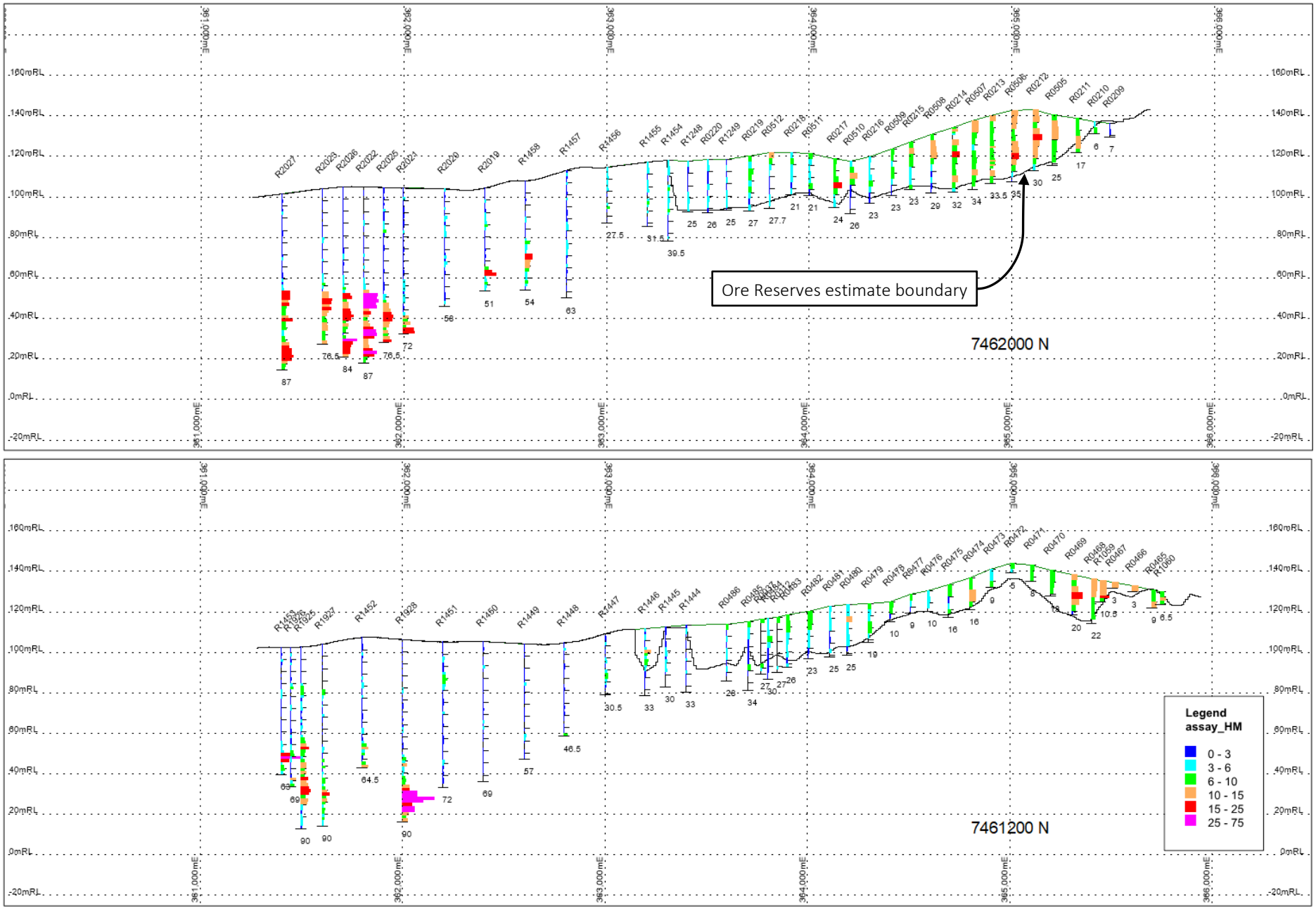
7462800 N
Legend
assay_HM
0 - 3
3 - 6
6 - 10
10 - 15
15 - 25
25 - 75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3 - 6
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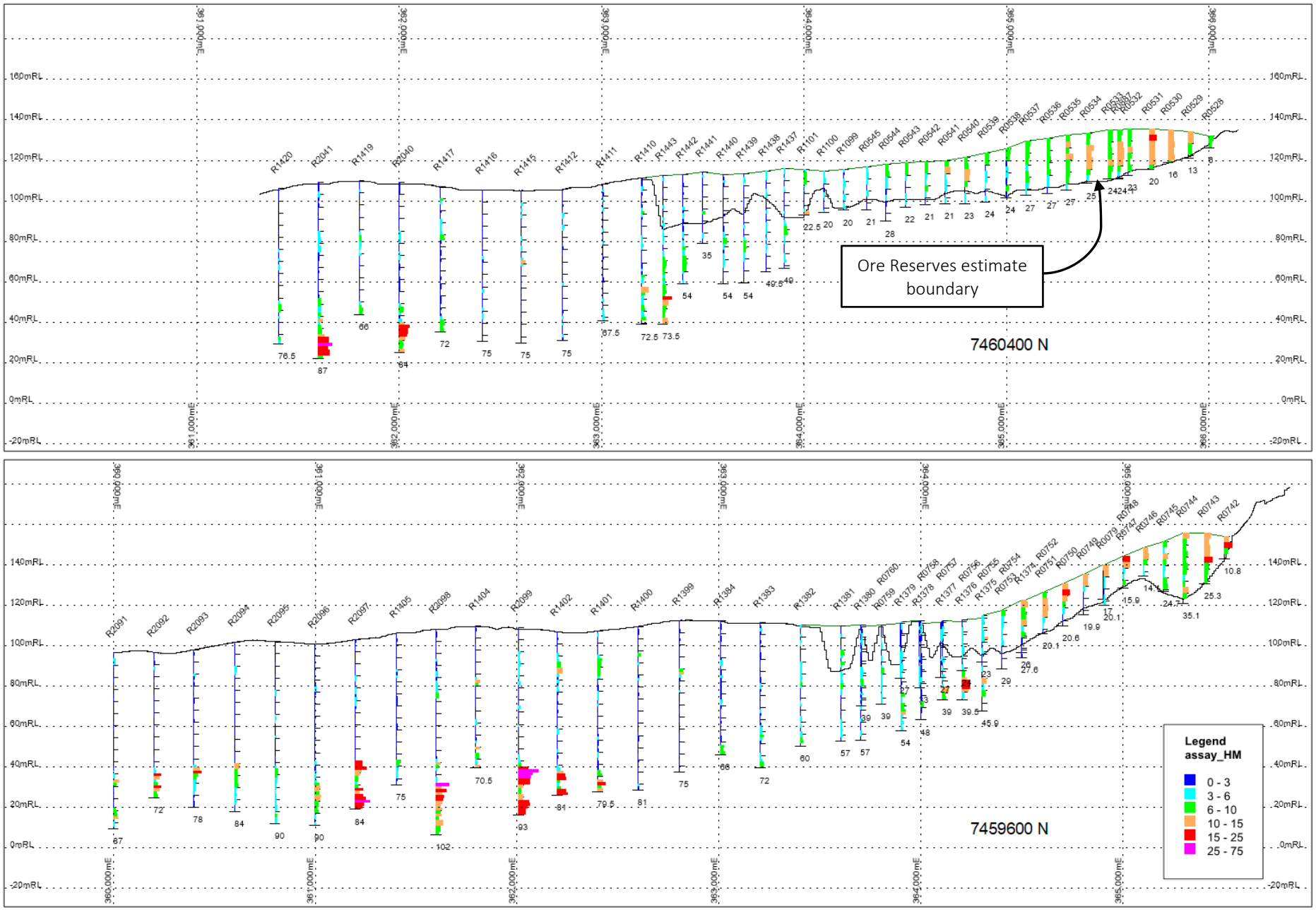
15 - 25
25 - 75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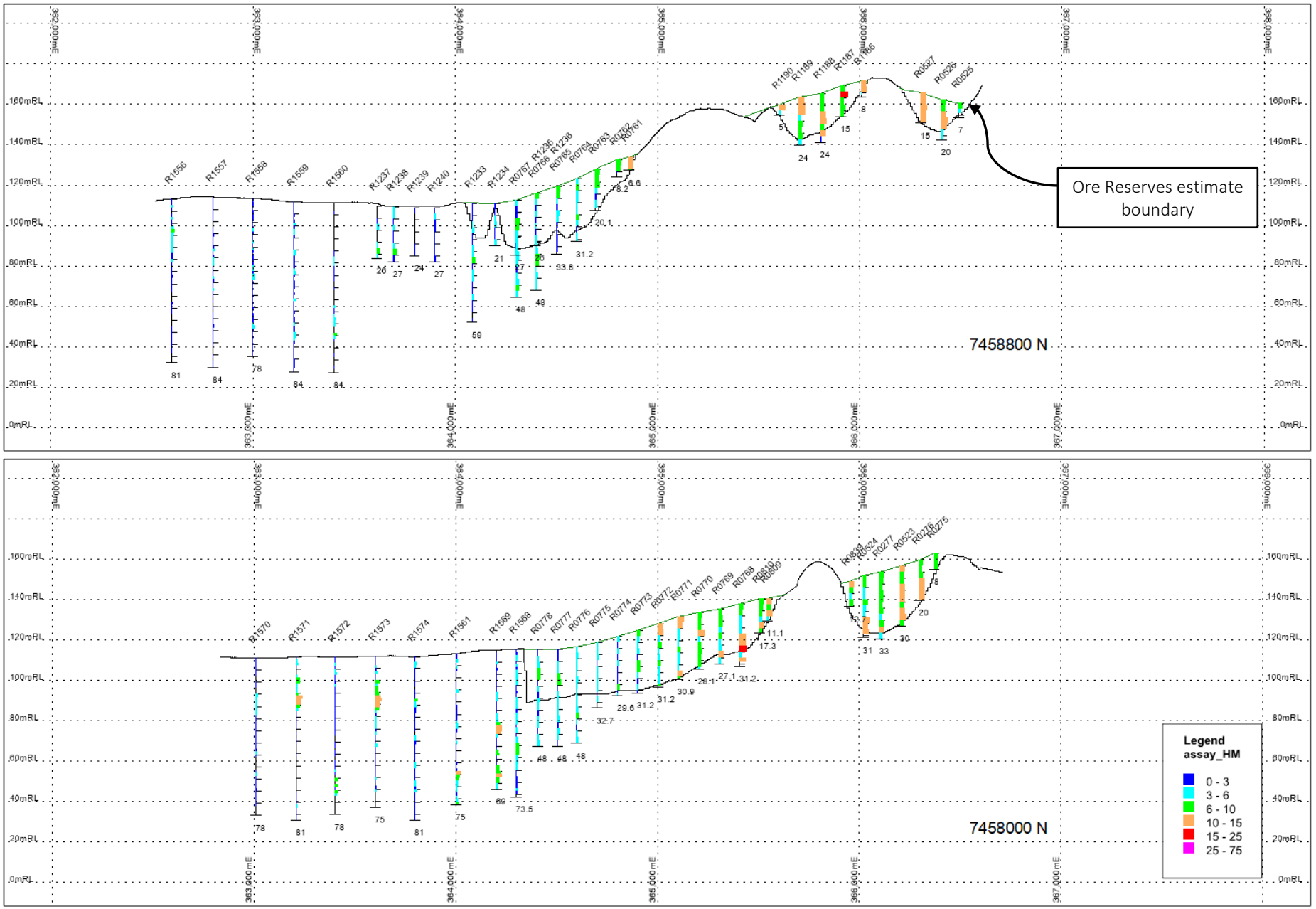
0 - 3
3 - 6
6 - 10
10 - 15
15 - 25
25 - 75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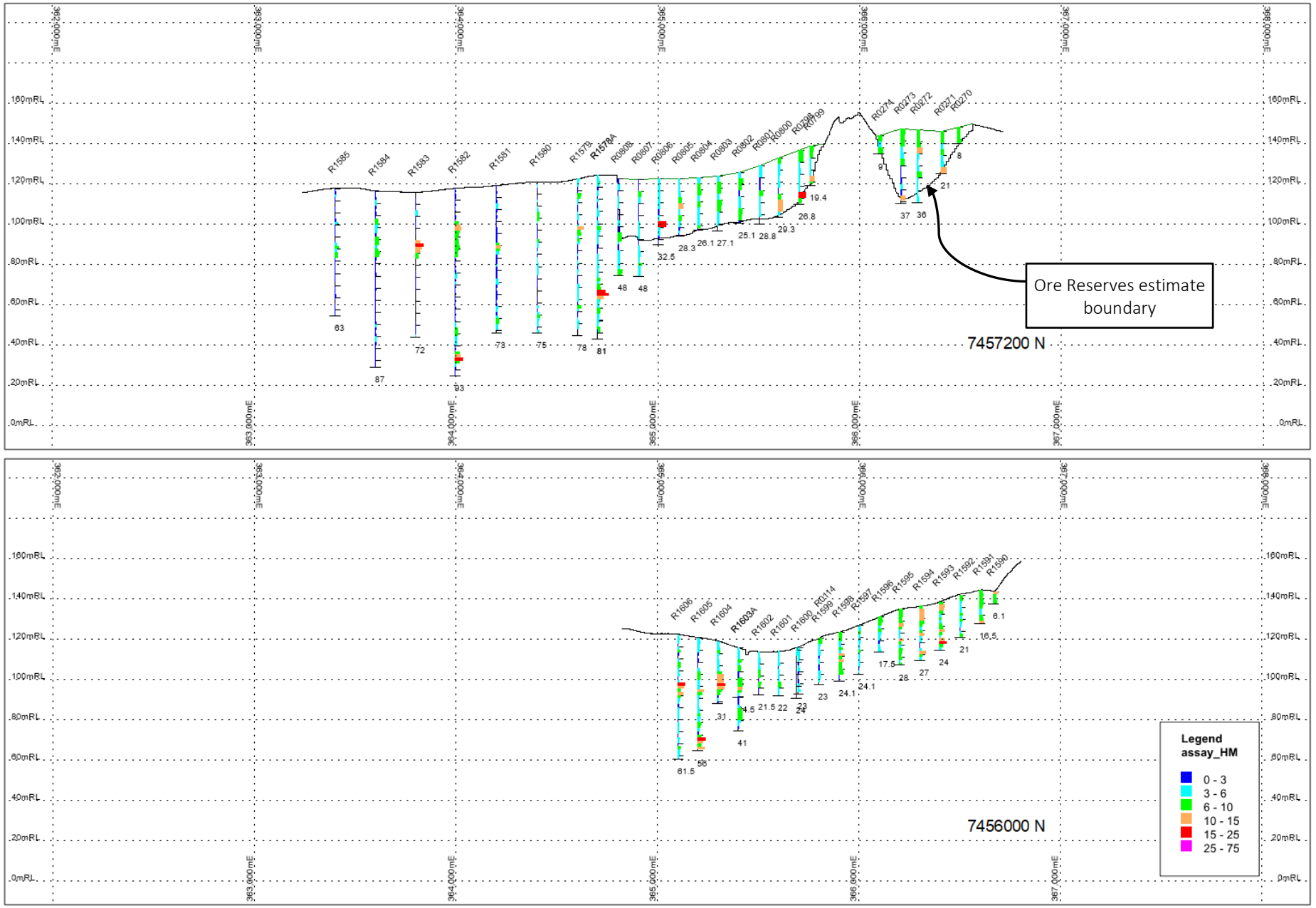
3 - 6
6 - 10
10 - 15
15 - 25
25 - 75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Legend
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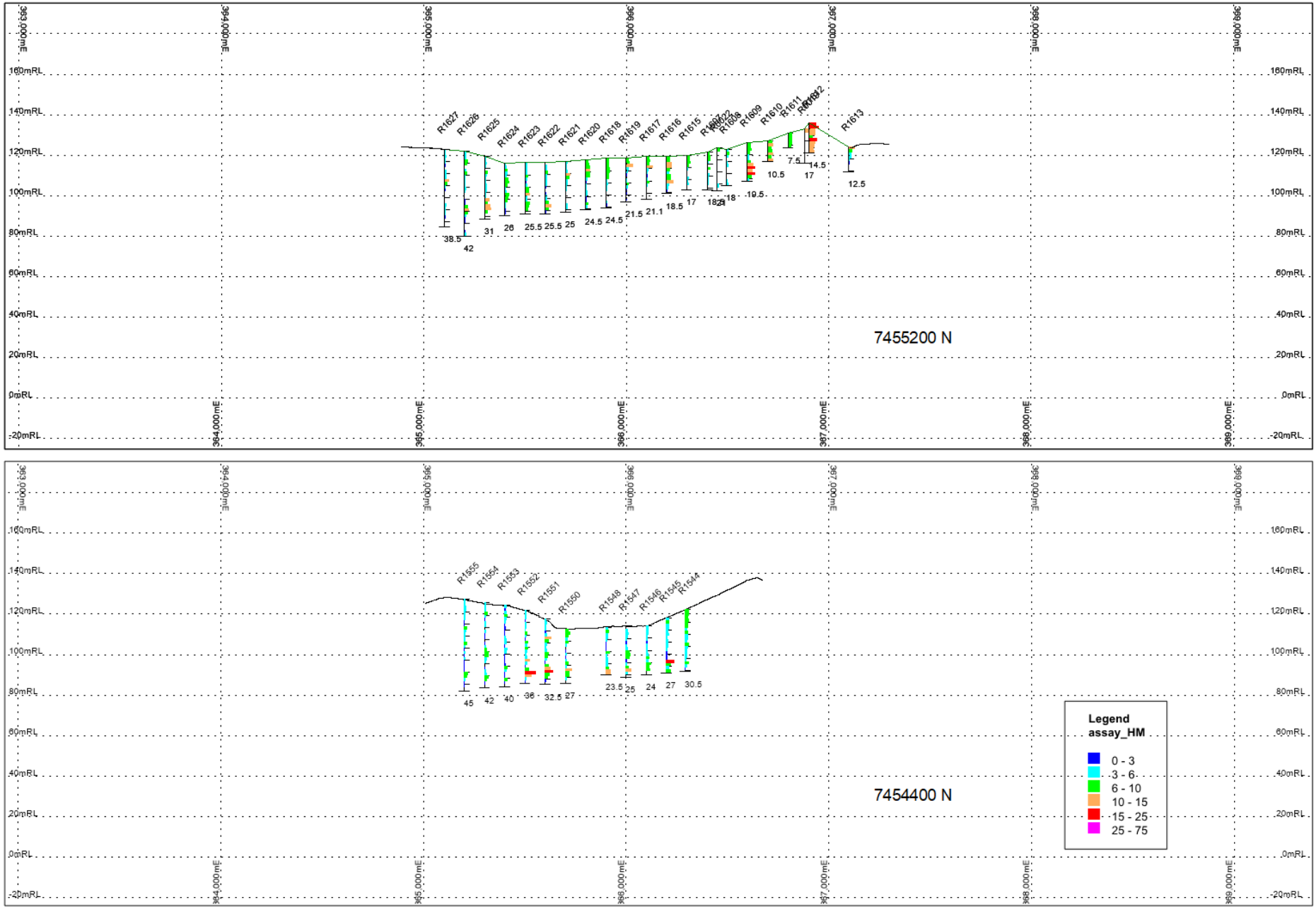
3 - 6
6 - 10
10 - 15
15 - 25
25 - 75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160mRL
140mRL
120mRL
100mRL
80mRL
60mRL
40mRL
20mRL
0mRL
-20mRL
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R1626
R1625
R1624
R1623
R1622
R1621
R1620
R1618
R1619
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21.1
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18
19.5
10.5
7.5
14.5
17
12.5
7455200 N
R1555
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R1545
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40
36
32.5
27
23.5
25
24
27
30.5
7454400 N
Legend
assay_HM
0 - 3
3 - 6
6 - 10
10 - 15
15 - 25
25 - 75

Appendix 1

Table 1: Ranobe drill hole table – **Western boundary extensional drilling**. All drill holes have dip of -90 degrees and azimuth of 360 degrees (i.e. vertical).

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
7467800	R1537	361101.5	7467801.5	DGPS	95.2	57.5	USU	16.5	0	16.5	3.0	20.1	0.8
							ICSU	4.5	16.5	21	5.9	12.3	0.6
							LSU	36	21	57	15.3	8.7	2.3
							Total	**57**	**0**	**57**	**11.0**	**12.3**	**1.7**
7467400	R1531A	361502.5	7467401.8	DGPS	105.0	63	USU	19.5	0	19.5	3.2	4.8	0.0
							ICSU	6	19.5	25.5	2.5	14.8	0.0
							LSU	37.5	25.5	63	8.9	10.6	1.0
							Total	**63**	**0**	**63**	**6.5**	**9.2**	**0.6**
	R2064	361801.0	7467406.0	HHGPS	116.1	76.5	USU	30	0	30	4.2	3.0	0.0
							ICSU	7.5	30	37.5	1.7	23.7	0.1
							LSU	39	37.5	76.5	9.2	9.0	1.6
							Total	**76.5**	**0**	**76.5**	**6.5**	**8.1**	**0.8**
	R2065	361701.0	7467401.0	HHGPS	113.3	67.5	USU	28.5	0	28.5	5.2	2.7	0.0
							ICSU	6	28.5	34.5	2.0	16.3	0.1
							LSU	33	34.5	67.5	9.1	7.1	0.4
							Total	**67.5**	**0**	**67.5**	**6.9**	**6.0**	**0.2**
	R2066	361601.0	7467400.0	HHGPS	109.0	64.5	USU	28.5	0	28.5	4.5	3.6	0.0
							ICSU	9	28.5	37.5	3.1	8.8	0.1
							LSU	27	37.5	64.5	8.9	8.9	0.3
							Total	**64.5**	**0**	**64.5**	**6.1**	**6.6**	**0.2**
	R2067	361402.0	7467401.0	HHGPS	98.8	42	USU	21	0	21	3.3	6.6	0.0
							ICSU	7.5	21	28.5	9.8	12.6	0.0
							LSU	13.5	28.5	42	18.3	6.7	0.1
							Total	**42**	**0**	**42**	**9.3**	**7.7**	**0.0**
	R2068	361300.0	7467401.0	HHGPS	102.7	54	USU	21	0	21	3.0	5.4	0.0
							ICSU	6	21	27	5.9	14.3	0.0
							LSU	27	27	54	12.9	7.1	1.2
							Total	**54**	**0**	**54**	**8.3**	**7.2**	**0.6**
7467000	R1506	362199.9	7466998.6	DGPS	112.1	83	USU	21	0	21	5.3	5.9	0.0
							Total	**21**	**0**	**21**	**5.3**	**5.9**	**0.0**
	R1507	362103.0	7467003.0	HHGPS	110.2	73.5	USU	6	0	6	5.8	4.2	0.0
							Total	**6**	**0**	**6**	**5.8**	**4.2**	**0.0**
	R1507A	362102.8	7466998.5	DGPS	110.0	72	USU	19.5	0	19.5	5.1	3.7	0.0
							ICSU	9	19.5	28.5	1.9	23.4	0.2
							LSU	43.5	28.5	72	16.5	7.1	2.0
							Total	**72**	**0**	**72**	**11.6**	**8.2**	**1.2**
	R1508A	362004.7	7466997.8	DGPS	109.3	75	USU	19.5	0	19.5	4.1	2.6	0.0
							ICSU	7.5	19.5	27	2.3	23.0	0.1
							LSU	48	27	75	6.9	7.2	0.5
							Total	**75**	**0**	**75**	**5.7**	**7.6**	**0.4**
	R1509A	361899.4	7467002.1	DGPS	107.6	66	USU	16.5	0	16.5	4.1	3.1	0.0
							ICSU	9	18	27	2.2	21.4	0.2
							LSU	39	27	66	12.7	6.9	1.4

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**66**	**0**	**66**	**9.0**	**8.0**	**0.9**
	R1510A	361798.7	7466999.1	DGPS	105.5	56	USU	16.5	0	16.5	3.9	2.0	0.0
							ICSU	9	16.5	25.5	2.0	16.4	0.2
							LSU	30	25.5	55.5	13.1	6.1	0.5
							Total	**55.5**	**0**	**55.5**	**8.6**	**6.6**	**0.3**
	R1511A	361698.3	7466996.5	DGPS	101.6	48	USU	13.5	0	13.5	6.6	1.7	0.0
							ICSU	16.5	13.5	30	4.4	15.2	0.1
							LSU	18	30	48	9.7	6.1	0.5
							Total	**48**	**0**	**48**	**7.0**	**8.0**	**0.2**
	R1512A	361599.5	7467001.6	DGPS	100.8	52.5	USU	18	0	18	6.0	2.3	0.1
							ICSU	12	18	30	6.9	9.9	0.2
							LSU	22.5	30	52.5	9.8	5.6	1.7
							Total	**52.5**	**0**	**52.5**	**7.8**	**5.4**	**0.8**
7466800	R2081	361800.0	7466798.0	HHGPS	108.5	52.5	USU	19.5	0	19.5	3.3	3.6	0.0
							ICSU	10.5	19.5	30	1.4	21.4	0.1
							LSU	22.5	30	52.5	9.3	9.1	0.3
							Total	**52.5**	**0**	**52.5**	**5.5**	**9.5**	**0.2**
	R2082	361599.0	7466803.0	HHGPS	110.9	54	USU	24	0	24	3.9	3.0	0.0
							ICSU	13.5	24	37.5	5.2	12.7	0.1
							LSU	16.5	37.5	54	13.6	7.7	0.8
							Total	**54**	**0**	**54**	**7.2**	**6.9**	**0.3**
	R2083	361402.0	7466800.0	HHGPS	114.3	63	USU	24	0	24	2.7	3.0	0.0
							ICSU	13.5	24	37.5	2.0	9.6	0.1
							LSU	25.5	37.5	63	19.2	6.2	2.5
							Total	**63**	**0**	**63**	**9.2**	**5.7**	**1.0**
	R2084	361198.0	7466801.0	HHGPS	119.0	71.5	USU	24	0	24	5.1	2.4	0.0
							ICSU	6	24	30	3.1	8.9	0.0
							LSU	41.5	30	71.5	17.6	6.7	1.3
							Total	**71.5**	**0**	**71.5**	**12.2**	**5.4**	**0.8**
	R2085	361000.0	7466799.0	HHGPS	120.7	61.5	USU	21	0	21	2.6	2.6	0.0
							ICSU	4.5	21	25.5	3.1	9.8	0.1
							LSU	36	25.5	61.5	12.2	10.2	2.6
							Total	**61.5**	**0**	**61.5**	**8.3**	**7.6**	**1.5**
	R2086	360803.0	7466802.0	HHGPS	122.2	27	USU	18	0	18	2.9	2.6	0.0
							ICSU	3	18	21	3.8	12.4	0.1
							LSU	6	21	27	4.9	7.5	0.3
							Total	**27**	**0**	**27**	**3.4**	**4.8**	**0.1**
	R2087	360599.0	7466802.0	HHGPS	124.8	24	USU	18	0	18	4.3	2.4	0.0
							ICSU	6	18	24	7.3	12.7	0.7
							Total	**24**	**0**	**24**	**5.0**	**5.0**	**0.2**
	R2088	360402.0	7466802.0	HHGPS	124.7	24	USU	10.5	0	10.5	4.9	5.6	0.8
							ICSU	3	10.5	13.5	7.1	7.3	1.9
							LSU	10.5	13.5	24	11.7	5.8	2.4
							Total	**24**	**0**	**24**	**8.2**	**5.9**	**1.7**
	R2089	360198.0	7466803.0	HHGPS	129.8	33	USU	7.5	0	7.5	5.4	2.2	0.0
							LSU	25.5	7.5	33	17.1	7.6	4.8

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**33**	**0**	**33**	**14.4**	**6.4**	**3.7**
	R2090	360001.0	7466802.0	HHGPS	127.8	36	USU	10.5	0	10.5	3.0	2.8	0.0
							ICSU	1.5	10.5	12	8.5	9.8	0.0
							LSU	24	12	36	11.2	7.3	3.5
							Total	**36**	**0**	**36**	**8.7**	**6.1**	**2.3**
7466600	R1481	362199.7	7466601.7	DGPS	108.8	44.5	USU	18	0	18	4.6	5.5	0.0
							ICSU	7.5	18	25.5	2.1	29.5	0.3
							LSU	18	25.5	43.5	3.7	8.6	0.2
							Total	**43.5**	**0**	**43.5**	**3.8**	**10.9**	**0.1**
	R1482	362098.3	7466601.1	DGPS	110.7	39.5	USU	21	0	21	3.9	4.4	0.0
							ICSU	6	22.5	28.5	2.1	28.1	0.2
							LSU	10.5	28.5	39	1.9	7.0	0.1
							Total	**39**	**0**	**39**	**3.0**	**8.9**	**0.1**
	R1483	362000.6	7466600.4	DGPS	111.8	59	USU	22.5	0	22.5	3.9	5.5	0.0
							ICSU	9	22.5	31.5	2.2	27.5	0.1
							LSU	27	31.5	58.5	3.6	14.6	4.4
							Total	**58.5**	**0**	**58.5**	**3.5**	**13.1**	**2.1**
7465300	R2070	361801.0	7465337.0	HHGPS	118.6	66	USU	31.5	0	31.5	3.0	1.6	0.0
							ICSU	10.5	31.5	42	1.8	39.1	0.0
							LSU	24	42	66	6.9	6.4	2.3
							Total	**66**	**0**	**66**	**4.2**	**9.3**	**0.8**
7465200	R2071	361599.0	7465202.0	HHGPS	117.3	61.5	USU	31.5	0	31.5	2.5	1.8	0.0
							ICSU	7.5	31.5	39	1.8	20.1	0.1
							LSU	22.5	39	61.5	4.9	6.6	0.4
							Total	**61.5**	**0**	**61.5**	**3.3**	**5.8**	**0.2**
	R2072	361400.0	7465202.0	HHGPS	117.5	75	USU	30	0	30	2.1	1.9	0.1
							ICSU	6	30	36	2.5	11.4	0.1
							LSU	39	36	75	13.3	7.6	1.6
							Total	**75**	**0**	**75**	**8.0**	**5.6**	**0.9**
	R2073	361200.0	7465200.0	HHGPS	111.2	63	USU	19.5	0	19.5	1.9	2.5	0.0
							ICSU	6	19.5	25.5	3.2	8.7	0.1
							LSU	37.5	25.5	63	16.1	8.0	1.9
							Total	**63**	**0**	**63**	**10.5**	**6.4**	**1.1**
	R2074	361001.0	7465200.0	HHGPS	107.4	87	USU	16.5	0	16.5	2.8	2.8	0.0
							ICSU	1.5	16.5	18	22.8	15.6	0.1
							LSU	69	18	87	16.4	5.4	2.2
							Total	**87**	**0**	**87**	**13.9**	**5.1**	**1.8**
	R2075	360800.0	7465202.0	HHGPS	109.6	81	USU	13.5	0	13.5	2.7	3.9	0.3
							ICSU	1.5	13.5	15	11.3	12.1	0.1
							LSU	66	15	81	14.0	7.7	5.3
							Total	**81**	**0**	**81**	**12.1**	**7.2**	**4.4**
	R2076	360599.0	7465202.0	HHGPS	111.5	81	USU	9	0	9	1.7	3.3	0.1
							ICSU	4.5	9	13.5	3.8	6.8	0.5
							LSU	67.5	13.5	81	18.3	9.3	3.9
							Total	**81**	**0**	**81**	**15.7**	**8.5**	**3.3**
	R2077	360401.0	7465198.0	HHGPS	116.9	87	USU	12	0	12	1.6	2.7	0.1

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							ICSU	6	12	18	4.5	12.5	0.2
							LSU	69	18	87	14.1	11.4	3.4
							Total	**87**	**0**	**87**	**11.7**	**10.3**	**2.7**
	R2078	360199.0	7465198.0	HHGPS	122.8	75	USU	21	0	21	2.3	2.8	0.1
							ICSU	6	21	27	6.4	10.9	0.2
							LSU	48	27	75	17.1	12.5	3.7
							Total	**75**	**0**	**75**	**12.1**	**9.6**	**2.4**
	R2079	359999.0	7465200.0	HHGPS	127.5	75	USU	28.5	0	28.5	2.3	2.9	0.1
							ICSU	6	28.5	34.5	4.2	10.4	0.2
							LSU	40.5	34.5	75	12.1	9.0	1.7
							Total	**75**	**0**	**75**	**7.7**	**6.8**	**1.0**
	R2080	361997.0	7465200.0	HHGPS	117.1	75	USU	30	0	30	3.7	2.7	0.0
							ICSU	10.5	30	40.5	1.1	30.6	0.2
							LSU	34.5	40.5	75	6.9	9.5	2.2
							Total	**75**	**0**	**75**	**4.8**	**9.7**	**1.0**
7463600	R2056	362801.0	7463601.0	HHGPS	124.8	64.5	USU	33	0	33	4.3	3.1	0.0
							ICSU	10.5	33	43.5	2.4	24.5	0.3
							LSU	21	43.5	64.5	7.9	9.9	0.1
							Total	**64.5**	**0**	**64.5**	**5.2**	**8.8**	**0.1**
	R2057	362598.0	7463600.0	HHGPS	125.1	73.5	USU	34.5	0	34.5	3.8	2.8	0.0
							ICSU	12	34.5	46.5	2.3	35.9	2.8
							LSU	27	46.5	73.5	8.6	7.6	0.3
							Total	**73.5**	**0**	**73.5**	**5.3**	**9.9**	**0.6**
	R2058	362400.0	7463605.0	HHGPS	120.7	70.5	USU	30	0	30	2.3	3.3	0.0
							ICSU	12	30	42	1.8	29.3	1.9
							LSU	28.5	42	70.5	3.7	7.7	0.7
							Total	**70.5**	**0**	**70.5**	**2.8**	**9.5**	**0.6**
	R2059	362200.0	7463599.0	HHGPS	114.4	35	USU	24	0	24	2.7	3.1	0.0
							ICSU	11	24	35	2.1	34.0	2.1
							Total	**35**	**0**	**35**	**2.5**	**13.4**	**0.7**
	R2060	361999.0	7463599.0	HHGPS	107.2	55.5	USU	21	0	21	2.3	4.5	0.0
							ICSU	15	21	36	0.4	54.3	5.6
							LSU	19.5	36	55.5	5.5	4.8	0.0
							Total	**55.5**	**0**	**55.5**	**2.9**	**18.1**	**1.5**
	R2061	361799.0	7463604.0	HHGPS	101.5	78	USU	15	0	15	2.3	3.5	0.0
							ICSU	15	15	30	0.9	59.4	3.6
							LSU	48	30	78	13.8	5.7	3.2
							Total	**78**	**0**	**78**	**9.1**	**15.6**	**2.6**
	R2062	361600.0	7463600.0	HHGPS	102.0	54	USU	13.5	0	13.5	2.5	3.9	0.0
							ICSU	16.5	13.5	30	3.0	23.9	0.1
							LSU	24	30	54	9.3	8.7	0.5
							Total	**54**	**0**	**54**	**5.7**	**12.1**	**0.3**
	R2063	361403.0	7463598.0	HHGPS	102.0	63	USU	12	0	12	3.2	3.1	0.0
							ICSU	4.5	12	16.5	6.2	11.1	0.0
							LSU	46.5	16.5	63	8.6	7.9	0.7
							Total	**63**	**0**	**63**	**7.4**	**7.2**	**0.5**

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
7463200	R2050	362797.0	7463201.7	DGPS	130.2	42	USU	36	0	36	3.2	2.7	0.0
							ICSU	6	36	42	2.0	38.7	4.4
							Total	**42**	**0**	**42**	**3.1**	**7.8**	**0.6**
	R2051	362598.9	7463199.9	DGPS	124.1	43	USU	31.5	0	31.5	2.9	3.1	0.0
							ICSU	10.5	31.5	42	1.9	43.8	4.9
							Total	**42**	**0**	**42**	**2.6**	**13.3**	**1.2**
	R2052	362400.5	7463203.6	DGPS	117.8	39	USU	27	0	27	2.6	2.6	0.0
							ICSU	12	27	39	1.8	44.8	1.7
							Total	**39**	**0**	**39**	**2.3**	**15.6**	**0.5**
7462800	R2039	363199.0	7462803.6	DGPS	127.3	34.5	USU	22.5	6	28.5	3.7	2.5	0.0
							ICSU	4.5	28.5	33	1.8	48.1	1.5
							Total	**27**	**6**	**33**	**3.4**	**10.1**	**0.3**
	R2042	362400.1	7462802.2	DGPS	112.2	28.5	USU	21	0	21	1.6	3.3	0.0
							ICSU	6	21	27	2.8	32.0	0.1
							Total	**27**	**0**	**27**	**1.9**	**9.7**	**0.0**
	R2043	362599.4	7462802.0	DGPS	117.6	55.5	USU	25.5	0	25.5	3.5	3.3	0.0
							ICSU	9	25.5	34.5	1.6	43.9	3.1
							LSU	21	34.5	55.5	2.7	6.2	0.4
							Total	**55.5**	**0**	**55.5**	**2.9**	**11.0**	**0.7**
	R2044	362800.0	7462802.0	HHGPS	124.6	34.5	USU	30	0	30	2.4	2.7	0.0
							ICSU	4.5	30	34.5	2.2	34.8	4.7
							Total	**34.5**	**0**	**34.5**	**2.4**	**6.9**	**0.6**
	R2045	363000.4	7462800.8	DGPS	130.3	42	USU	34.5	0	34.5	4.0	2.2	0.0
							ICSU	4.5	34.5	39	1.7	47.4	4.6
							Total	**39**	**0**	**39**	**3.8**	**7.4**	**0.5**
7462400	R2031	363199.8	7462403.1	DGPS	125.5	36	USU	30	0	30	3.8	3.1	0.0
							ICSU	1.5	30	31.5	2.3	31.5	0.3
							Total	**31.5**	**0**	**31.5**	**3.8**	**4.4**	**0.0**
	R2032	362998.9	7462403.5	DGPS	124.7	34	USU	30	0	30	5.2	2.2	0.1
							ICSU	1.5	30	31.5	3.1	27.9	0.2
							Total	**31.5**	**0**	**31.5**	**5.1**	**3.4**	**0.1**
	R2033	362795.2	7462402.4	DGPS	117.8	27	USU	24	0	24	2.1	2.2	0.0
							Total	**24**	**0**	**24**	**2.1**	**2.2**	**0.0**
	R2034	362600.4	7462404.5	DGPS	110.0	23	USU	18	0	18	2.5	3.9	0.0
							ICSU	4.5	18	22.5	4.6	16.2	0.1
							Total	**22.5**	**0**	**22.5**	**2.9**	**6.3**	**0.0**
	R2035	362396.8	7462402.4	DGPS	105.7	54	USU	1.5	0	1.5	1.6	1.6	0.0
							Total	**1.5**	**0**	**1.5**	**1.6**	**1.6**	**0.0**
7462000	R1455	363199.2	7461999.1	DGPS	117.1	31.5	USU	22.5	0	22.5	3.9	3.1	0.0
							ICSU	7.5	22.5	30	1.9	32.1	12.9
							Total	**30**	**0**	**30**	**3.4**	**10.4**	**3.3**
	R1456	363000.1	7461997.1	DGPS	114.7	27.5	USU	21	0	21	3.7	3.2	0.0
							ICSU	6	21	27	1.6	52.3	5.4
							Total	**27**	**0**	**27**	**3.2**	**14.1**	**1.2**
	R1457	362802.1	7461999.8	DGPS	113.1	63	USU	21	0	21	2.6	2.4	0.0
							ICSU	7.5	21	28.5	3.1	33.7	0.1

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							LSU	34.5	28.5	63	2.3	12.6	1.8
							Total	**63**	**0**	**63**	**2.5**	**11.7**	**1.0**
	R1458	362599.3	7462000.2	DGPS	108.1	54	USU	18	0	18	1.5	2.6	0.0
							ICSU	9	18	27	2.0	34.5	3.9
							LSU	27	27	54	7.1	6.6	1.4
							Total	**54**	**0**	**54**	**4.4**	**9.9**	**1.4**
	R2019	362399.3	7461999.7	DGPS	104.4	51	USU	16.5	0	16.5	2.5	3.5	0.0
							ICSU	9	16.5	25.5	3.4	31.2	0.2
							LSU	25.5	25.5	51	5.2	5.1	0.3
							Total	**51**	**0**	**51**	**4.0**	**9.2**	**0.2**
	R2020	362200.9	7462002.1	DGPS	103.9	58	USU	16.5	0	16.5	2.6	5.2	0.0
							ICSU	6	16.5	22.5	3.4	14.2	0.1
							LSU	34.5	22.5	57	2.4	7.4	0.5
							Total	**57**	**0**	**57**	**2.6**	**7.5**	**0.3**
	R2021	361998.1	7462000.1	DGPS	104.3	72	USU	22.5	0	22.5	2.0	2.1	0.0
							ICSU	6	22.5	28.5	1.5	8.8	0.1
							LSU	43.5	28.5	72	4.9	7.8	0.6
							Total	**72**	**0**	**72**	**3.7**	**6.1**	**0.4**
	R2022	361799.7	7461999.5	DGPS	104.8	87	USU	25.5	0	25.5	1.8	1.8	0.0
							ICSU	9	25.5	34.5	2.4	8.2	0.1
							LSU	52.5	34.5	87	13.8	7.3	0.4
							Total	**87**	**0**	**87**	**9.1**	**5.8**	**0.3**
	R2023	361596.8	7461999.4	DGPS	104.0	76.5	USU	27	0	27	2.0	2.3	0.0
							ICSU	6	27	33	1.9	12.7	0.1
							LSU	43.5	33	76.5	8.7	9.4	3.1
							Total	**76.5**	**0**	**76.5**	**5.8**	**7.2**	**1.8**
	R2025	361900.8	7461998.3	DGPS	104.5	76.5	USU	18	0	18	2.2	2.9	0.0
							ICSU	15	18	33	2.7	8.7	0.2
							LSU	43.5	33	76.5	7.2	7.9	0.3
							Total	**76.5**	**0**	**76.5**	**5.1**	**6.9**	**0.2**
	R2026	361699.4	7462017.2	DGPS	104.9	84	USU	25.5	0	25.5	1.7	1.8	0.0
							ICSU	10.5	25.5	36	2.8	11.4	0.2
							LSU	48	36	84	10.3	7.8	2.3
							Total	**84**	**0**	**84**	**6.8**	**6.4**	**1.3**
	R2027	361399.6	7462002.7	DGPS	101.5	87	USU	24	0	24	1.6	3.3	0.0
							ICSU	7.5	24	31.5	1.7	25.2	0.1
							LSU	55.5	31.5	87	9.6	9.6	2.7
							Total	**87**	**0**	**87**	**6.7**	**9.2**	**1.8**
7461600	R2011	362598.2	7461600.7	DGPS	108.1	59.5	LSU	16	43.5	59.5	4.3	7.6	0.0
							Total	**16**	**43.5**	**59.5**	**4.3**	**7.6**	**0.0**
	R2012	362399.4	7461600.8	DGPS	103.6	57	USU	16.5	0	16.5	2.1	2.6	0.0
							ICSU	6	16.5	22.5	2.0	9.4	0.1
							LSU	34.5	22.5	57	2.4	6.2	0.3
							Total	**57**	**0**	**57**	**2.3**	**5.5**	**0.2**
	R2013	362199.1	7461599.2	DGPS	105.2	63.5	USU	21	0	21	3.1	3.7	0.0
							ICSU	7.5	21	28.5	1.9	11.5	0.1

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							LSU	34.5	28.5	63	3.0	13.4	1.2
							Total	**63**	**0**	**63**	**2.9**	**10.0**	**0.7**
7461200	R1447	363001.3	7461202.1	DGPS	109.3	30.5	USU	21	0	21	3.0	2.8	0.0
							ICSU	7.5	21	28.5	3.9	25.2	0.0
							Total	**28.5**	**0**	**28.5**	**3.3**	**8.7**	**0.0**
	R1448	362797.3	7461205.7	DGPS	105.0	46.5	USU	21	0	21	1.8	2.7	0.0
							ICSU	7.5	21	28.5	2.0	41.6	0.1
							LSU	18	28.5	46.5	2.1	8.8	0.2
							Total	**46.5**	**0**	**46.5**	**2.0**	**11.4**	**0.1**
	R1449	362600.6	7461196.5	DGPS	104.3	57	USU	21	0	21	1.9	3.7	0.0
							ICSU	9	21	30	2.1	25.0	0.1
							LSU	27	30	57	1.9	6.2	0.1
							Total	**57**	**0**	**57**	**1.9**	**8.3**	**0.1**
	R1450	362398.1	7461201.4	DGPS	105.3	69	USU	24	0	24	1.7	2.6	0.0
							ICSU	4.5	24	28.5	1.8	21.5	0.1
							LSU	37.5	28.5	66	1.6	11.0	1.3
							Total	**66**	**0**	**66**	**1.6**	**8.7**	**0.7**
	R1451	362200.1	7461200.8	DGPS	105.2	72	USU	24	0	24	3.6	4.0	0.0
							ICSU	6	24	30	1.8	21.3	0.0
							LSU	40.5	30	70.5	2.0	15.4	2.3
							Total	**70.5**	**0**	**70.5**	**2.5**	**12.0**	**1.3**
	R1452	361799.2	7461203.1	DGPS	107.3	64.5	USU	28.5	0	28.5	2.5	2.9	0.0
							ICSU	6	28.5	34.5	2.2	18.7	0.1
							LSU	30	34.5	64.5	4.8	7.6	0.1
							Total	**64.5**	**0**	**64.5**	**3.5**	**6.6**	**0.1**
	R1453	361399.8	7461200.7	DGPS	102.6	63	USU	33	0	33	1.8	3.1	0.0
							ICSU	4.5	33	37.5	1.1	23.8	0.1
							LSU	25.5	37.5	63	7.1	6.0	0.1
							Total	**63**	**0**	**63**	**4.0**	**5.8**	**0.1**
	R1925	361498.4	7461201.4	DGPS	102.6	90	USU	25.5	0	25.5	2.6	2.0	0.0
							ICSU	7.5	25.5	33	3.1	8.3	0.0
							LSU	57	33	90	8.2	6.5	2.7
							Total	**90**	**0**	**90**	**6.2**	**5.4**	**1.7**
	R1926	361446.9	7461197.4	DGPS	102.4	69	USU	28.5	0	28.5	2.4	2.3	0.0
							ICSU	4.5	28.5	33	3.2	7.6	0.1
							LSU	36	33	69	3.4	6.4	0.1
							Total	**69**	**0**	**69**	**3.0**	**4.8**	**0.1**
	R1927	361601.8	7461202.7	DGPS	104.0	90	USU	27	0	27	2.0	1.5	0.0
							ICSU	9	27	36	3.2	10.7	0.1
							LSU	54	36	90	4.8	5.4	2.0
							Total	**90**	**0**	**90**	**3.8**	**4.8**	**1.2**
	R1928	361998.8	7461202.8	DGPS	106.3	90	USU	25.5	0	25.5	1.8	1.9	0.0
							ICSU	10.5	25.5	36	2.4	20.3	0.1
							LSU	54	36	90	10.9	6.3	0.2
							Total	**90**	**0**	**90**	**7.3**	**6.7**	**0.1**
7460800	R1981	362998.8	7460802.3	DGPS	109.3	47.5	USU	27	0	27	3.0	2.7	0.0

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							ICSU	6	27	33	2.7	22.3	0.2
							LSU	13.5	33	46.5	3.0	5.8	0.0
							Total	**46.5**	**0**	**46.5**	**3.0**	**6.1**	**0.0**
	R1985	362200.3	7460802.6	DGPS	107.0	61.5	USU	27	0	27	1.6	2.8	0.0
							ICSU	6	27	33	3.8	13.0	0.2
							LSU	28.5	33	61.5	1.9	7.0	0.1
							Total	**61.5**	**0**	**61.5**	**2.0**	**5.8**	**0.1**
	R1986	361998.4	7460799.7	DGPS	108.4	69	USU	25.5	0	25.5	1.6	3.7	0.0
							ICSU	15	25.5	40.5	3.2	12.7	0.1
							LSU	28.5	40.5	69	4.5	9.5	0.5
							Total	**69**	**0**	**69**	**3.1**	**8.1**	**0.2**
	R1987	361794.3	7460801.7	DGPS	107.4	69	USU	27	0	27	2.7	3.5	0.0
							ICSU	12	27	39	2.7	17.0	0.1
							LSU	30	39	69	9.6	7.3	1.3
							Total	**69**	**0**	**69**	**5.7**	**7.5**	**0.6**
	R1988	361599.9	7460799.7	DGPS	104.1	78	USU	27	0	27	2.1	2.9	0.0
							ICSU	4.5	27	31.5	3.7	11.2	0.0
							LSU	46.5	31.5	78	5.3	8.9	1.3
							Total	**78**	**0**	**78**	**4.1**	**7.0**	**0.8**
7460600	R1495	363050.8	7460605.6	DGPS	108.8	73	USU	27	0	27	2.5	2.6	0.0
							Total	**27**	**0**	**27**	**2.5**	**2.6**	**0.0**
7460400	R1411	363004.8	7460390.6	DGPS	108.4	67.5	USU	25.5	0	25.5	2.1	2.2	0.0
							ICSU	4.5	25.5	30	2.1	42.7	0.2
							LSU	33	34.5	67.5	2.5	4.0	0.4
							Total	**67.5**	**0**	**67.5**	**2.3**	**6.1**	**0.2**
	R1412	362805.0	7460383.0	HHGPS	105.8	75	USU	24	0	24	2.1	1.8	0.0
							ICSU	7.5	24	31.5	1.7	37.4	0.1
							LSU	43.5	31.5	75	2.0	10.7	1.2
							Total	**75**	**0**	**75**	**2.0**	**10.5**	**0.7**
	R1415	362600.4	7460394.0	DGPS	104.9	75	USU	24	0	24	2.3	3.1	0.0
							ICSU	7.5	24	31.5	2.7	26.1	3.3
							LSU	33	31.5	64.5	2.4	5.2	0.1
							Total	**64.5**	**0**	**64.5**	**2.4**	**6.8**	**0.4**
	R1416	362410.2	7460397.2	DGPS	105.5	75	USU	25.5	0	25.5	1.3	1.9	0.0
							ICSU	16.5	25.5	42	1.8	32.1	0.1
							LSU	24	42	66	2.4	5.2	0.1
							Total	**66**	**0**	**66**	**1.8**	**10.9**	**0.0**
	R1417	362203.4	7460400.6	DGPS	107.3	72	USU	27	0	27	3.5	3.0	0.0
							ICSU	10.5	27	37.5	1.9	39.6	2.0
							LSU	34.5	37.5	72	3.2	6.8	0.2
							Total	**72**	**0**	**72**	**3.1**	**10.2**	**0.4**
	R1419	361801.2	7460399.7	DGPS	109.9	66	USU	33	0	33	2.5	4.3	0.0
							ICSU	12	33	45	2.8	17.8	0.1
							LSU	21	45	66	3.0	7.9	0.1
							Total	**66**	**0**	**66**	**2.7**	**7.9**	**0.0**
	R1420	361402.0	7460400.0	HHGPS	106.0	76.5	USU	36	0	36	1.7	4.2	0.0

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							ICSU	7.5	36	43.5	3.2	11.5	0.1
							LSU	33	43.5	76.5	3.2	10.7	0.1
							Total	**76.5**	**0**	**76.5**	**2.5**	**7.7**	**0.0**
	R2040	362000.4	7460412.0	DGPS	109.1	84	USU	30	0	30	2.0	3.0	0.0
							ICSU	12	30	42	2.1	39.1	0.1
							LSU	42	42	84	6.9	7.6	1.4
							Total	**84**	**0**	**84**	**4.4**	**10.5**	**0.7**
	R2041	361600.7	7460401.1	DGPS	109.0	87	USU	34.5	0	34.5	2.8	2.9	0.0
							ICSU	10.5	34.5	45	1.9	37.7	0.4
							LSU	42	45	87	9.0	8.3	1.0
							Total	**87**	**0**	**87**	**5.7**	**9.7**	**0.5**
7460000	R1813	362996.6	7460003.7	DGPS	111.8	78	USU	30	0	30	1.6	2.7	0.0
							ICSU	6	30	36	3.1	9.7	0.1
							LSU	42	36	78	3.4	8.7	0.3
							Total	**78**	**0**	**78**	**2.7**	**6.4**	**0.2**
	R1814	362801.0	7460005.7	DGPS	110.9	76.5	USU	27	0	27	5.0	3.3	0.0
							ICSU	6	27	33	3.5	10.9	0.0
							LSU	43.5	33	76.5	2.4	5.8	0.1
							Total	**76.5**	**0**	**76.5**	**3.4**	**5.3**	**0.1**
	R1815	362600.6	7460000.0	DGPS	107.4	72	USU	22.5	0	22.5	1.9	3.0	0.0
							ICSU	6	22.5	28.5	3.6	14.1	0.0
							LSU	43.5	28.5	72	1.6	6.9	0.1
							Total	**72**	**0**	**72**	**1.9**	**6.3**	**0.1**
	R1816	362402.2	7460001.5	DGPS	106.2	75	USU	33	0	33	2.3	4.6	0.0
							ICSU	3	33	36	1.3	33.0	0.0
							LSU	39	36	75	2.8	5.8	0.9
							Total	**75**	**0**	**75**	**2.5**	**6.3**	**0.5**
	R1817	362200.0	7459996.1	DGPS	107.8	75	USU	36	0	36	3.7	4.7	0.0
							ICSU	3	36	39	2.0	24.5	0.0
							LSU	36	39	75	4.2	6.2	0.8
							Total	**75**	**0**	**75**	**3.9**	**6.2**	**0.4**
7459600	R1383	363203.2	7459603.1	DGPS	111.6	72	USU	25.5	0	25.5	2.0	1.8	0.0
							ICSU	6	25.5	31.5	3.0	10.5	0.0
							LSU	40.5	31.5	72	3.2	4.3	0.0
							Total	**72**	**0**	**72**	**2.7**	**3.9**	**0.0**
	R1384	363008.2	7459609.4	DGPS	112.3	66	USU	27	0	27	2.2	2.4	0.0
							ICSU	9	27	36	2.6	17.8	0.0
							LSU	30	36	66	3.0	3.9	0.0
							Total	**66**	**0**	**66**	**2.6**	**5.2**	**0.0**
	R1399	362802.4	7459609.2	DGPS	112.7	75	USU	27	0	27	2.7	2.2	0.0
							ICSU	9	27	36	2.8	25.2	0.0
							LSU	33	40.5	73.5	1.2	3.7	0.3
							Total	**73.5**	**0**	**73.5**	**2.1**	**5.7**	**0.1**
	R1400	362598.5	7459601.1	DGPS	109.7	81	USU	24	0	24	1.9	1.7	0.0
							ICSU	9	24	33	2.2	19.5	0.1
							LSU	43.5	33	76.5	1.8	3.3	0.8

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**76.5**	**0**	**76.5**	**1.9**	**4.8**	**0.4**
	R1401	362398.4	7459605.1	DGPS	107.5	79.5	USU	24	0	24	4.5	3.0	0.0
							ICSU	7.5	24	31.5	2.5	9.6	0.0
							LSU	48	31.5	79.5	4.0	4.3	0.5
							Total	**79.5**	**0**	**79.5**	**4.0**	**4.4**	**0.3**
	R1402	362199.0	7459602.9	DGPS	107.1	81	USU	22.5	0	22.5	4.5	3.5	0.0
							ICSU	7.5	22.5	30	3.4	10.5	0.0
							LSU	51	30	81	4.8	6.5	0.1
							Total	**81**	**0**	**81**	**4.6**	**6.0**	**0.1**
	R1404	361793.5	7459595.7	DGPS	110.1	70.5	USU	30	0	30	2.5	2.0	0.0
							ICSU	9	30	39	2.1	8.8	0.0
							LSU	31.5	39	70.5	4.4	3.1	0.7
							Total	**70.5**	**0**	**70.5**	**3.2**	**3.4**	**0.3**
	R1405	361402.9	7459598.8	DGPS	106.4	75	USU	28.5	0	28.5	1.7	1.6	0.0
							LSU	46.5	28.5	75	2.5	3.8	0.0
							Total	**75**	**0**	**75**	**2.2**	**2.9**	**0.0**
	R2091	360000.0	7459600.0	HHGPS	96.6	87	USU	37.5	0	37.5	1.8	1.7	0.1
							ICSU	1.5	37.5	39	2.8	4.4	0.1
							LSU	48	39	87	3.3	3.9	0.2
							Total	**87**	**0**	**87**	**2.6**	**3.0**	**0.1**
	R2092	360202.0	7459600.0	HHGPS	96.9	72	USU	34.5	0	34.5	1.5	2.6	0.1
							LSU	37.5	34.5	72	4.2	4.3	0.2
							Total	**72**	**0**	**72**	**2.9**	**3.5**	**0.2**
	R2093	360399.0	7459600.0	HHGPS	98.2	78	USU	36	0	36	1.5	1.6	0.0
							ICSU	4.5	36	40.5	1.0	5.1	0.3
							LSU	37.5	40.5	78	3.8	2.7	0.3
							Total	**78**	**0**	**78**	**2.6**	**2.3**	**0.2**
	R2094	360602.0	7459597.0	HHGPS	102.0	84	USU	40.5	0	40.5	2.0	2.1	0.0
							ICSU	6	40.5	46.5	1.1	5.3	0.2
							LSU	37.5	46.5	84	4.0	2.9	0.2
							Total	**84**	**0**	**84**	**2.8**	**2.7**	**0.1**
	R2095	360800.0	7459603.0	HHGPS	102.2	90	USU	40.5	0	40.5	1.8	2.1	0.0
							ICSU	3	40.5	43.5	1.2	6.0	0.3
							LSU	46.5	43.5	90	3.7	5.6	0.1
							Total	**90**	**0**	**90**	**2.8**	**4.1**	**0.1**
	R2096	360999.0	7459601.0	HHGPS	101.2	90	USU	43.5	0	43.5	1.3	1.2	0.0
							ICSU	1.5	43.5	45	1.1	3.9	0.5
							LSU	45	45	90	4.8	5.8	0.2
							Total	**90**	**0**	**90**	**3.0**	**3.5**	**0.1**
	R2097	361198.0	7459600.0	HHGPS	103.1	84	USU	37.5	0	37.5	2.1	2.5	0.0
							ICSU	3	37.5	40.5	0.9	5.5	0.1
							LSU	43.5	40.5	84	8.7	4.7	1.8
							Total	**84**	**0**	**84**	**5.5**	**3.7**	**1.0**
	R2098	361599.0	7459597.0	HHGPS	108.5	102	USU	28.5	0	28.5	2.2	2.2	0.0
							ICSU	10.5	28.5	39	3.8	6.8	0.0
							LSU	63	39	102	6.6	6.1	1.3

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**102**	**0**	**102**	**5.1**	**5.1**	**0.8**
	R2099	362005.0	7459603.0	HHGPS	109.2	93	USU	30	0	30	3.1	3.4	0.0
							ICSU	6	30	36	1.9	12.8	0.0
							LSU	57	36	93	9.8	9.4	1.9
							Total	**93**	**0**	**93**	**7.2**	**7.7**	**1.2**
7458800	R1556	362597.9	7458801.8	DGPS	113.1	81	USU	22.5	0	22.5	3.1	2.8	0.0
							ICSU	7.5	22.5	30	3.2	8.4	0.0
							LSU	51	30	81	1.3	3.5	0.2
							Total	**81**	**0**	**81**	**2.0**	**3.7**	**0.1**
	R1557	362801.2	7458801.3	DGPS	113.9	84	USU	25.5	0	25.5	1.8	1.7	0.0
							ICSU	9	25.5	34.5	3.4	10.3	0.0
							LSU	49.5	34.5	84	1.7	5.1	0.2
							Total	**84**	**0**	**84**	**1.9**	**4.7**	**0.1**
	R1558	362998.1	7458798.6	DGPS	113.4	78	USU	28.5	0	28.5	2.2	2.3	0.0
							ICSU	10.5	28.5	39	3.1	10.6	0.0
							LSU	39	39	78	2.0	4.7	0.2
							Total	**78**	**0**	**78**	**2.3**	**4.7**	**0.1**
	R1559	363203.0	7458806.4	DGPS	111.8	84	USU	25.5	0	25.5	1.9	2.4	0.0
							ICSU	12	25.5	37.5	3.1	10.9	0.0
							LSU	46.5	37.5	84	2.0	5.6	0.4
							Total	**84**	**0**	**84**	**2.1**	**5.4**	**0.3**
	R1560	363398.5	7458794.0	DGPS	111.4	84	USU	25.5	0	25.5	1.3	2.9	0.0
							ICSU	12	25.5	37.5	2.8	16.1	0.5
							LSU	45	37.5	82.5	2.2	4.0	0.1
							Total	**82.5**	**0**	**82.5**	**2.0**	**5.4**	**0.1**
7458000	R1561	364002.7	7457999.2	DGPS	113.2	75	USU	25.5	0	25.5	2.0	2.1	0.0
							ICSU	10.5	25.5	36	3.1	22.8	0.1
							LSU	39	36	75	3.4	8.6	0.0
							Total	**75**	**0**	**75**	**2.9**	**8.4**	**0.0**
	R1568	364300.1	7457999.2	DGPS	115.6	73	USU	25.5	0	25.5	3.2	3.2	0.0
							ICSU	13.5	25.5	39	3.0	23.7	0.1
							LSU	33	39	72	4.2	10.0	0.6
							Total	**72**	**0**	**72**	**3.6**	**10.1**	**0.3**
	R1569	364201.0	7458003.0	HHGPS	115.1	69	USU	27	0	27	2.4	3.9	0.0
							ICSU	10.5	27	37.5	4.3	27.1	0.1
							LSU	31.5	37.5	69	6.1	4.3	0.0
							Total	**69**	**0**	**69**	**4.3**	**7.6**	**0.0**
	R1570	363009.5	7458003.4	DGPS	111.1	78	USU	19.5	0	19.5	1.7	3.9	0.0
							ICSU	13.5	19.5	33	2.9	10.0	0.0
							LSU	45	33	78	1.8	6.1	0.1
							Total	**78**	**0**	**78**	**2.0**	**6.2**	**0.0**
	R1571	363208.4	7458003.0	DGPS	111.7	81	USU	27	0	27	6.0	4.0	0.0
							ICSU	15	27	42	2.0	14.9	0.0
							LSU	39	42	81	1.6	2.8	0.2
							Total	**81**	**0**	**81**	**3.1**	**5.5**	**0.1**
	R1572	363400.8	7458000.7	DGPS	111.5	69	USU	27	0	27	2.4	1.9	0.0

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							ICSU	15	27	42	2.1	18.8	0.1
							LSU	27	42	69	2.8	5.1	0.1
							Total	**69**	**0**	**69**	**2.5**	**6.9**	**0.0**
	R1573	363602.0	7457996.9	DGPS	112.0	67.5	USU	27	0	27	6.2	4.5	0.0
							ICSU	16.5	27	43.5	2.8	20.3	0.0
							LSU	24	43.5	67.5	2.0	10.2	0.0
							Total	**67.5**	**0**	**67.5**	**3.9**	**10.4**	**0.0**
	R1574	363797.8	7457999.8	DGPS	111.8	81	USU	24	0	24	2.2	3.0	0.0
							ICSU	16.5	24	40.5	2.3	34.9	0.1
							LSU	40.5	40.5	81	2.0	7.9	0.2
							Total	**81**	**0**	**81**	**2.1**	**11.9**	**0.1**
7457200	R1578	364699.6	7457199.5	DGPS	124.2	81	USU	33	0	33	3.8	2.6	0.0
							ICSU	10.5	33	43.5	3.1	23.1	1.6
							LSU	34.5	43.5	78	6.9	11.2	0.5
							Total	**78**	**0**	**78**	**5.1**	**9.2**	**0.4**
	R1578A	364699.0	7457200.4	DGPS	124.2	81	USU	33	0	33	4.0	2.7	0.0
							ICSU	9	33	42	3.1	24.0	1.1
							LSU	36	42	78	6.8	11.9	0.4
							Total	**78**	**0**	**78**	**5.2**	**9.4**	**0.3**
	R1579	364600.5	7457202.8	DGPS	122.7	78	USU	33	0	33	5.1	2.9	0.0
							ICSU	13.5	33	46.5	3.1	23.0	1.2
							LSU	28.5	46.5	75	4.0	7.5	0.5
							Total	**75**	**0**	**75**	**4.3**	**8.2**	**0.4**
	R1580	364400.5	7457200.6	DGPS	121.0	75	USU	31.5	0	31.5	3.0	2.4	0.0
							ICSU	9	31.5	40.5	3.1	26.0	1.1
							LSU	34.5	40.5	75	3.4	8.1	0.7
							Total	**75**	**0**	**75**	**3.2**	**7.9**	**0.5**
	R1581	364200.7	7457201.0	DGPS	119.2	72.5	USU	33	0	33	2.9	2.3	0.0
							ICSU	12	33	45	3.0	21.0	1.9
							LSU	27	45	72	3.4	4.4	0.4
							Total	**72**	**0**	**72**	**3.1**	**6.2**	**0.5**
	R1582	363995.9	7457200.1	DGPS	117.7	93	USU	34.5	0	34.5	5.1	3.0	0.0
							ICSU	10.5	34.5	45	2.5	26.5	0.1
							LSU	48	45	93	3.9	4.5	0.0
							Total	**93**	**0**	**93**	**4.2**	**6.5**	**0.0**
	R1583	363797.6	7457199.7	DGPS	115.7	72	USU	33	0	33	4.8	2.2	0.0
							ICSU	7.5	33	40.5	1.5	30.9	0.1
							LSU	31.5	40.5	72	1.8	12.9	0.1
							Total	**72**	**0**	**72**	**3.1**	**9.9**	**0.1**
	R1584	363601.2	7457201.9	DGPS	116.3	87	USU	33	0	33	4.4	2.8	0.0
							ICSU	7.5	33	40.5	1.7	14.2	0.1
							LSU	46.5	40.5	87	1.6	9.6	0.1
							Total	**87**	**0**	**87**	**2.7**	**7.4**	**0.1**
	R1585	363400.6	7457200.7	DGPS	117.5	63	USU	34.5	0	34.5	2.7	2.5	0.0
							ICSU	7.5	34.5	42	1.5	11.2	0.0
							LSU	21	42	63	1.2	10.6	0.5
							Total	**63**	**0**	**63**	**2.1**	**6.2**	**0.2**

Table 2: Ranobe drill hole table – **Resources infill drilling** within and around the inferred Ranobe Mineral Resources estimate at the southern end of the deposit. All drill holes have dip of -90 degrees and azimuth of 360 degrees (i.e. vertical).

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
7456000	R1590	366667.6	7455993.5	DGPS	143.7	6	USU	6	0	6	8.4	3.8	0.1
							Total	**6**	**0**	**6**	**8.4**	**3.8**	**0.1**
	R1591	366599.7	7456002.9	DGPS	144.1	16.5	USU	16.5	0	16.5	7.5	3.8	0.2
							Total	**16.5**	**0**	**16.5**	**7.5**	**3.8**	**0.2**
	R1592	366502.2	7456002.9	DGPS	142.0	21	USU	21	0	21	5.1	3.8	0.3
							Total	**21**	**0**	**21**	**5.1**	**3.8**	**0.3**
	R1593	366400.0	7455999.3	DGPS	138.4	24	USU	22.5	0	22.5	8.7	3.3	0.1
							ICSU	1.5	22.5	24	5.3	26.3	5.5
							Total	**24**	**0**	**24**	**8.5**	**4.7**	**0.5**
	R1594	366301.6	7455999.7	DGPS	136.5	27	USU	25.5	0	25.5	7.7	2.8	0.0
							ICSU	1.5	25.5	27	5.2	26.1	12.0
							Total	**27**	**0**	**27**	**7.6**	**4.1**	**0.7**
	R1595	366199.4	7456002.8	DGPS	135.1	28	USU	28	0	28	7.0	3.4	0.0
							Total	**28**	**0**	**28**	**7.0**	**3.4**	**0.0**
	R1596	366100.2	7456000.2	DGPS	131.1	17.5	USU	17.5	0	17.5	5.2	3.2	0.2
							Total	**17.5**	**0**	**17.5**	**5.2**	**3.2**	**0.2**
	R1597	365998.3	7456000.1	DGPS	126.7	24.1	USU	24	0	24	4.5	3.9	0.0
							Total	**24**	**0**	**24**	**4.5**	**3.9**	**0.0**
	R1598	365902.0	7456001.3	DGPS	123.4	24.1	USU	21	0	21	7.6	4.3	0.0
							ICSU	3	21	24	2.1	53.6	1.0
							Total	**24**	**0**	**24**	**6.9**	**10.4**	**0.1**
	R1599	365801.8	7456001.5	DGPS	120.7	23	USU	22.5	0	22.5	4.1	4.4	0.0
							Total	**22.5**	**0**	**22.5**	**4.1**	**4.4**	**0.0**
	R1600	365699.6	7456002.5	DGPS	116.0	23	USU	19.5	0	19.5	3.2	4.2	0.0
							ICSU	3	19.5	22.5	4.4	35.0	0.3
							Total	**22.5**	**0**	**22.5**	**3.4**	**8.3**	**0.1**
	R1601	365598.5	7456001.9	DGPS	114.0	22	USU	18	0	18	4.4	5.8	0.1
							ICSU	4	18	22	3.8	37.3	0.6
							Total	**22**	**0**	**22**	**4.3**	**12.1**	**0.2**
	R1602	365501.3	7456000.3	DGPS	113.9	21.5	USU	21	0	21	4.9	11.0	0.4
							Total	**21**	**0**	**21**	**4.9**	**11.0**	**0.4**
	R1603	365399.8	7456000.8	DGPS	115.7	24.5	USU	22.5	0	22.5	6.1	6.0	0.0
							ICSU	1.5	22.5	24	3.7	35.1	0.4
							Total	**24**	**0**	**24**	**5.9**	**7.8**	**0.0**
	R1603A	365401.7	7456001.3	DGPS	115.7	41	USU	22.5	0	22.5	6.1	4.9	0.0
							ICSU	7.5	22.5	30	3.1	24.0	8.9
							LSU	10.5	30	40.5	7.0	12.9	3.9

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**40.5**	**0**	**40.5**	**5.8**	**10.5**	**2.7**
	R1604	365299.2	7455999.4	DGPS	119.0	31	USU	27	0	27	7.7	4.8	0.0
							ICSU	4	27	31	3.1	41.9	3.6
							Total	**31**	**0**	**31**	**7.1**	**10.1**	**0.5**
	R1605	365200.8	7456000.8	DGPS	120.6	56	USU	28.5	0	28.5	5.0	1.6	0.0
							ICSU	7.5	28.5	36	4.0	25.6	2.4
							LSU	19.5	36	55.5	8.2	4.7	1.3
							Total	**55.5**	**0**	**55.5**	**6.0**	**6.0**	**0.8**
	R1606	365101.8	7455999.0	DGPS	122.2	61.5	USU	31.5	0	31.5	5.8	2.2	0.0
							ICSU	6	31.5	37.5	3.7	26.7	1.1
							LSU	24	37.5	61.5	3.8	6.1	1.1
							Total	**61.5**	**0**	**61.5**	**4.8**	**6.1**	**0.5**
7455400	R1614	366999.3	7455373.2	DGPS	125.3	15	USU	13.5	0	13.5	5.1	17.4	0.7
							Total	**13.5**	**0**	**13.5**	**5.1**	**17.4**	**0.7**
7455200	R1607	366400.2	7455201.7	DGPS	121.5	18.5	USU	15	0	15	4.9	3.6	0.0
							ICSU	1.5	15	16.5	4.3	23.5	0.5
							Total	**16.5**	**0**	**16.5**	**4.8**	**5.4**	**0.1**
	R1608	366493.9	7455211.9	DGPS	122.9	18	USU	15	0	15	3.2	1.4	0.0
							ICSU	3	15	18	4.5	24.1	1.0
							Total	**18**	**0**	**18**	**3.5**	**5.2**	**0.2**
	R1609	366598.0	7455202.8	DGPS	126.4	19.5	USU	16.5	0	16.5	9.8	1.8	0.1
							ICSU	3	16.5	19.5	7.1	18.1	0.5
							Total	**19.5**	**0**	**19.5**	**9.4**	**4.3**	**0.1**
	R1610	366700.2	7455202.6	DGPS	127.2	10.5	USU	10.5	0	10.5	9.5	2.1	0.3
							Total	**10.5**	**0**	**10.5**	**9.5**	**2.1**	**0.3**
	R1611	366798.7	7455201.0	DGPS	131.0	7.5	USU	7.5	0	7.5	9.0	2.9	0.2
							Total	**7.5**	**0**	**7.5**	**9.0**	**2.9**	**0.2**
	R1612	366902.1	7455203.2	DGPS	135.8	14.5	USU	14.5	0	14.5	13.5	2.9	0.1
							Total	**14.5**	**0**	**14.5**	**13.5**	**2.9**	**0.1**
	R1613	367099.3	7455201.8	DGPS	124.3	12.5	USU	6	0	6	8.0	12.3	1.4
							ICSU	6	6	12	2.1	29.6	7.2
							Total	**12**	**0**	**12**	**5.0**	**20.9**	**4.3**
	R1615	366297.4	7455201.3	DGPS	119.9	17	USU	16.5	0	16.5	5.4	5.1	1.9
							Total	**16.5**	**0**	**16.5**	**5.4**	**5.1**	**1.9**
	R1616	366199.5	7455202.4	DGPS	119.5	18.5	USU	16.5	0	16.5	8.5	4.8	0.2
							ICSU	1.5	16.5	18	1.9	35.2	4.4
							Total	**18**	**0**	**18**	**8.0**	**7.4**	**0.6**
	R1617	366099.9	7455200.7	DGPS	119.3	21.1	USU	18	0	18	5.4	3.7	0.3

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							ICSU	3	18	21	2.1	23.5	12.5
							Total	**21**	**0**	**21**	**4.9**	**6.5**	**2.0**
	R1618	365900.1	7455201.8	DGPS	118.4	24.5	USU	19.5	0	19.5	5.3	4.7	0.2
							ICSU	4.5	19.5	24	2.8	37.1	3.3
							Total	**24**	**0**	**24**	**4.8**	**10.8**	**0.8**
	R1619	365998.0	7455204.9	DGPS	118.4	21.5	USU	16.5	0	16.5	6.0	4.4	0.3
							ICSU	4.5	16.5	21	2.6	22.9	4.4
							Total	**21**	**0**	**21**	**5.3**	**8.4**	**1.2**
	R1620	365798.9	7455204.2	DGPS	117.7	24.5	USU	22.5	0	22.5	6.0	3.9	0.2
							ICSU	1.5	22.5	24	4.4	17.8	0.2
							Total	**24**	**0**	**24**	**5.9**	**4.8**	**0.2**
	R1621	365700.5	7455201.7	DGPS	117.0	25	USU	24	0	24	4.4	4.8	0.2
							Total	**24**	**0**	**24**	**4.4**	**4.8**	**0.2**
	R1622	365599.9	7455200.9	DGPS	116.7	25.5	USU	24	0	24	5.1	6.7	0.3
							ICSU	1.5	24	25.5	2.1	40.1	6.7
							Total	**25.5**	**0**	**25.5**	**4.9**	**8.6**	**0.7**
	R1623	365501.7	7455201.0	DGPS	116.3	25.5	USU	24	0	24	6.2	4.0	0.1
							ICSU	1.5	24	25.5	2.2	33.9	2.1
							Total	**25.5**	**0**	**25.5**	**5.9**	**5.7**	**0.2**
	R1624	365400.4	7455197.9	DGPS	116.2	26	USU	24	0	24	5.5	2.3	0.0
							ICSU	1.5	24	25.5	2.7	34.2	0.6
							Total	**25.5**	**0**	**25.5**	**5.3**	**4.2**	**0.1**
	R1625	365300.1	7455201.9	DGPS	119.6	31	USU	28.5	0	28.5	6.1	2.9	0.1
							ICSU	1.5	28.5	30	2.3	37.4	0.4
							Total	**30**	**0**	**30**	**5.9**	**4.7**	**0.1**
	R1626	365200.9	7455199.6	DGPS	122.1	42	USU	31.5	0	31.5	4.5	1.9	0.0
							ICSU	10.5	31.5	42	2.7	31.9	5.4
							Total	**42**	**0**	**42**	**4.1**	**9.4**	**1.4**
	R1627	365102.4	7455202.5	DGPS	123.0	38.5	USU	33	0	33	3.8	1.7	0.0
							ICSU	5.5	33	38.5	1.9	39.4	3.9
							Total	**38.5**	**0**	**38.5**	**3.5**	**7.5**	**0.6**
7454400	R1544	366292.2	7454397.9	DGPS	122.1	30.5	USU	24	0	24	6.2	3.7	0.0
							ICSU	6	24	30	4.2	32.4	4.8
							Total	**30**	**0**	**30**	**5.8**	**9.4**	**1.0**
	R1545	366198.8	7454399.6	DGPS	118.1	27	USU	22.5	0	22.5	5.3	3.5	0.0
							ICSU	4.5	22.5	27	8.2	29.3	4.2
							Total	**27**	**0**	**27**	**5.8**	**7.8**	**0.7**
	R1546	366099.8	7454400.8	DGPS	114.2	24	USU	18	0	18	4.3	4.1	0.0
							ICSU	6	18	24	6.2	31.3	5.8

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**24**	**0**	**24**	**4.8**	**10.9**	**1.5**
	R1547	365998.4	7454399.8	DGPS	114.0	25	USU	21	1.5	22.5	5.8	4.9	0.0
							ICSU	1.5	22.5	24	5.5	38.4	0.0
							Total	**22.5**	**1.5**	**24**	**5.7**	**7.1**	**0.0**
	R1548	365899.1	7454402.2	DGPS	113.6	23.5	USU	22.5	0	22.5	5.2	4.1	0.0
							ICSU	1	22.5	23.5	11.0	9.6	5.8
							Total	**23.5**	**0**	**23.5**	**5.6**	**4.5**	**0.4**
	R1550	365700.2	7454401.3	DGPS	112.8	27	USU	22.5	0	22.5	5.7	3.6	0.0
							ICSU	4.5	22.5	27	4.2	33.4	7.3
							Total	**27**	**0**	**27**	**5.5**	**8.6**	**1.3**
	R1551	365599.7	7454402.4	DGPS	117.8	32.5	USU	24	0	24	5.5	3.8	0.0
							ICSU	7.5	24	31.5	9.3	22.6	0.2
							Total	**31.5**	**0**	**31.5**	**6.4**	**8.3**	**0.0**
	R1552	365499.9	7454400.7	DGPS	121.8	36	USU	28.5	0	28.5	4.8	3.6	0.0
							ICSU	7.5	28.5	36	10.5	17.3	4.4
							Total	**36**	**0**	**36**	**6.0**	**6.4**	**0.9**
	R1553	365400.2	7454400.3	DGPS	124.3	40	USU	36	0	36	3.5	3.0	0.0
							ICSU	3	36	39	4.5	34.3	0.4
							Total	**39**	**0**	**39**	**3.6**	**5.4**	**0.0**
	R1554	365300.3	7454394.8	DGPS	125.6	42	USU	37.5	0	37.5	4.5	2.9	0.0
							ICSU	3	37.5	40.5	4.1	34.9	0.2
							Total	**40.5**	**0**	**40.5**	**4.5**	**5.3**	**0.0**
	R1555	365199.5	7454400.6	DGPS	127.2	45	USU	40.5	0	40.5	4.0	2.9	0.0
							ICSU	3	40.5	43.5	2.5	31.7	0.3
							Total	**43.5**	**0**	**43.5**	**3.9**	**4.9**	**0.0**
7453600	R1562	365805.2	7453594.4	DGPS	110.7	30	USU	28.5	0	28.5	3.7	4.2	0.0
							Total	**28.5**	**0**	**28.5**	**3.7**	**4.2**	**0.0**
	R1563	365900.4	7453585.5	DGPS	109.3	29.5	USU	27	0	27	5.5	4.6	0.0
							ICSU	1.5	27	28.5	4.6	8.3	0.4
							Total	**28.5**	**0**	**28.5**	**5.4**	**4.8**	**0.0**
	R1564	366000.4	7453598.2	DGPS	108.8	27	USU	25.5	0	25.5	7.4	5.1	0.0
							Total	**25.5**	**0**	**25.5**	**7.4**	**5.1**	**0.0**
	R1565	366100.1	7453601.7	DGPS	108.1	25.5	USU	24	0	24	4.9	4.6	0.1
							ICSU	1.5	24	25.5	6.7	23.5	7.1
							Total	**25.5**	**0**	**25.5**	**5.0**	**5.7**	**0.5**
	R1566	366202.0	7453598.0	HHGPS	111.0	30	USU	27	0	27	7.3	4.6	0.0
							ICSU	3	27	30	3.8	32.4	4.6
							Total	**30**	**0**	**30**	**7.0**	**7.4**	**0.5**

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
	R1567	366298.5	7453606.9	DGPS	113.7	33.5	USU	30	0	30	7.1	6.6	0.7
							ICSU	3	30	33	4.4	37.7	1.3
							Total	**33**	**0**	**33**	**6.8**	**9.5**	**0.8**
	R1628	365701.1	7453601.8	DGPS	113.1	32	USU	31.5	0	31.5	3.6	4.4	0.0
							Total	**31.5**	**0**	**31.5**	**3.6**	**4.4**	**0.0**
	R1629	365602.1	7453601.4	DGPS	115.8	45	USU	34.5	0	34.5	4.8	3.5	0.0
							ICSU	10.5	34.5	45	4.0	28.6	12.1
							Total	**45**	**0**	**45**	**4.6**	**9.3**	**2.8**
	R1630	365500.2	7453598.5	DGPS	119.2	39.5	USU	37.5	0	37.5	5.9	1.4	0.0
							ICSU	1.5	37.5	39	4.2	37.7	2.7
							Total	**39**	**0**	**39**	**5.8**	**2.8**	**0.1**
7453200	R1631	366300.7	7453199.4	DGPS	108.7	31	USU	28.5	0	28.5	6.4	3.5	0.3
							ICSU	1.5	28.5	30	3.5	41.5	3.1
							Total	**30**	**0**	**30**	**6.2**	**5.4**	**0.5**
	R1632	366200.1	7453200.0	DGPS	106.0	28.5	USU	25.5	0	25.5	6.9	2.6	0.0
							ICSU	3	25.5	28.5	2.6	39.0	5.3
							Total	**28.5**	**0**	**28.5**	**6.5**	**6.4**	**0.6**
	R1633	366099.3	7453201.6	DGPS	106.5	29.5	USU	27	0	27	5.4	4.2	0.1
							ICSU	2.5	27	29.5	1.2	46.8	9.9
							Total	**29.5**	**0**	**29.5**	**5.0**	**8.4**	**1.1**
	R1634	366001.0	7453202.0	DGPS	106.8	55.5	USU	27	0	27	5.2	3.1	0.0
							ICSU	19.5	27	46.5	5.1	32.5	5.5
							LSU	9	46.5	55.5	6.3	4.0	1.3
							Total	**55.5**	**0**	**55.5**	**5.4**	**13.6**	**2.2**
	R1635	365900.3	7453199.4	DGPS	108.4	31	USU	30	0	30	5.2	4.2	0.0
							ICSU	1	30	31	4.2	34.1	3.3
							Total	**31**	**0**	**31**	**5.1**	**5.6**	**0.2**
	R1636	365801.6	7453198.9	DGPS	111.4	35	USU	33	0	33	5.7	1.7	0.1
							ICSU	1.5	33	34.5	3.7	40.2	2.6
							Total	**34.5**	**0**	**34.5**	**5.6**	**3.4**	**0.2**
	R1637	365697.6	7453198.1	DGPS	116.0	39	USU	36	0	36	4.8	1.7	0.0
							ICSU	3	36	39	4.4	29.2	0.6
							Total	**39**	**0**	**39**	**4.8**	**3.9**	**0.1**
7452800	R1638	365702.5	7452800.6	DGPS	116.6	62	USU	39	0	39	3.1	2.0	0.0
							ICSU	9	39	48	4.2	26.2	2.8
							LSU	13.5	48	61.5	6.1	7.5	1.5
							Total	**61.5**	**0**	**61.5**	**4.0**	**6.8**	**0.8**
	R1639	365798.6	7452798.3	DGPS	111.6	54	USU	36	0	36	3.8	3.2	0.0
							ICSU	9	36	45	4.2	24.5	8.6

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							LSU	9	45	54	6.9	7.4	2.5
							Total	**54**	**0**	**54**	**4.4**	**7.5**	**1.8**
	R1640	365899.9	7452797.3	DGPS	106.9	60	USU	30	0	30	4.5	1.7	0.2
							ICSU	19.5	30	49.5	5.9	20.8	7.3
							LSU	10.5	49.5	60	4.8	4.0	0.1
							Total	**60**	**0**	**60**	**5.0**	**8.3**	**2.5**
	R1641	365997.0	7452799.6	DGPS	103.9	36	USU	25.5	0	25.5	4.4	2.9	0.0
							ICSU	10.5	25.5	36	3.1	36.3	7.3
							Total	**36**	**0**	**36**	**4.0**	**12.7**	**2.2**
	R1642	366100.6	7452801.8	DGPS	103.3	60	USU	27	0	27	4.3	4.4	0.1
							ICSU	12	27	39	3.3	35.1	8.0
							LSU	21	39	60	6.2	18.1	2.7
							Total	**60**	**0**	**60**	**4.8**	**15.4**	**2.6**
	R1643	366201.1	7452798.7	DGPS	102.9	30	USU	1.5	0	1.5	3.3	8.7	0.0
							Total	**1.5**	**0**	**1.5**	**3.3**	**8.7**	**0.0**
7452000	R1669	366899.5	7452002.7	DGPS	104.0	23.5	USU	13.5	0	13.5	4.3	5.9	1.1
							ICSU	9	13.5	22.5	3.5	37.7	4.3
							Total	**22.5**	**0**	**22.5**	**4.0**	**18.6**	**2.4**
	R1670	367000.8	7452000.4	DGPS	104.2	22.5	USU	13.5	0	13.5	4.1	3.8	1.7
							ICSU	9	13.5	22.5	2.2	31.8	4.5
							Total	**22.5**	**0**	**22.5**	**3.3**	**15.0**	**2.8**
	R1671	367101.3	7452002.3	DGPS	108.3	13.5	USU	10.5	0	10.5	5.3	3.7	0.5
							ICSU	3	10.5	13.5	5.1	14.1	0.3
							Total	**13.5**	**0**	**13.5**	**5.2**	**6.1**	**0.4**
7451600	R1672	366298.4	7451599.2	DGPS	95.8	49	USU	22.5	0	22.5	5.0	3.9	0.1
							ICSU	4.5	22.5	27	3.6	20.1	0.6
							Total	**27**	**0**	**27**	**4.8**	**6.6**	**0.2**
	R1673	367098.1	7451600.4	DGPS	110.1	16.5	USU	16.5	0	16.5	4.9	4.8	1.2
							Total	**16.5**	**0**	**16.5**	**4.9**	**4.8**	**1.2**
	R1674	366899.1	7451598.6	DGPS	105.9	26	USU	18	0	18	5.5	3.3	0.1
							ICSU	6	18	24	6.0	27.9	1.2
							Total	**24**	**0**	**24**	**5.6**	**9.5**	**0.4**
	R1675	366700.3	7451605.2	DGPS	100.6	33	USU	18	0	18	4.7	3.4	0.1
							ICSU	10.5	18	28.5	3.6	28.1	3.6
							Total	**28.5**	**0**	**28.5**	**4.3**	**12.5**	**1.4**
	R1676	366501.4	7451599.4	DGPS	98.3	28	USU	24	0	24	3.5	5.4	0.3
							ICSU	3	24	27	2.1	22.4	0.3
							Total	**27**	**0**	**27**	**3.4**	**7.3**	**0.3**

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
	R1677	366100.7	7451602.0	DGPS	95.2	61.5	USU	22.5	0	22.5	3.2	3.8	0.0
							ICSU	9	22.5	31.5	2.9	33.9	5.3
							LSU	16.5	31.5	48	3.2	27.4	4.4
							Total	**48**	**0**	**48**	**3.1**	**17.6**	**2.5**
	R1678	365900.2	7451602.8	DGPS	103.7	72	USU	24	0	24	3.1	2.3	0.0
							ICSU	3	24	27	6.0	6.3	0.0
							LSU	34.5	27	61.5	5.6	13.6	1.5
							Total	**61.5**	**0**	**61.5**	**4.6**	**8.8**	**0.9**
	R1679	365699.8	7451598.1	DGPS	115.8	81	USU	48	0	48	3.5	2.1	0.0
							ICSU	9	48	57	4.7	25.4	0.1
							LSU	22.5	57	79.5	3.3	15.1	1.6
							Total	**79.5**	**0**	**79.5**	**3.6**	**8.4**	**0.5**

Table 3: Ranobe drill hole table – **Mine planning infill drilling**. All drill holes have dip of -90 degrees and azimuth of 360 degrees (i.e. vertical).

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
7468400	R2100	362999.0	7468407.0	HHGPS	100.4	10.5	USU	10.5	0	10.5	5.6	13.3	1.2
							Total	**10.5**	**0**	**10.5**	**5.6**	**13.3**	**1.2**
	R2101	362798.0	7468401.0	HHGPS	98.7	18	USU	12	0	12	1.8	15.3	2.0
							ICSU	1.5	12	13.5	3.0	39.2	3.0
							Total	**13.5**	**0**	**13.5**	**1.9**	**18.0**	**2.1**
	R2102	362601.0	7468400.0	HHGPS	96.4	13.5	USU	4.5	0	4.5	2.1	36.2	1.9
							ICSU	9	4.5	13.5	2.9	8.4	2.3
							Total	**13.5**	**0**	**13.5**	**2.7**	**17.7**	**2.2**
	R2103	362404.0	7468399.0	HHGPS	96.3	16.5	USU	12	0	12	1.9	21.9	1.5
							ICSU	4.5	12	16.5	2.5	7.4	3.5
							Total	**16.5**	**0**	**16.5**	**2.1**	**17.9**	**2.0**
7468200	R2104	363099.0	7468198.0	HHGPS	101.0	17.5	USU	9	0	9	4.4	20.4	2.0
							ICSU	7.5	9	16.5	2.1	36.9	3.0
							Total	**16.5**	**0**	**16.5**	**3.3**	**27.9**	**2.5**
	R2105	362701.0	7468203.0	HHGPS	99.6	18	USU	6	0	6	2.6	19.8	1.7
							ICSU	6	6	12	3.5	6.3	0.6
							LSU	6	12	18	1.4	8.5	8.6
							Total	**18**	**0**	**18**	**2.5**	**11.6**	**3.7**
	R2106	362303.0	7468200.0	HHGPS	100.2	31.5	USU	12	0	12	4.8	9.0	0.1
							ICSU	12	12	24	3.2	8.8	0.5
							LSU	7.5	24	31.5	1.7	18.5	0.7
							Total	**31.5**	**0**	**31.5**	**3.4**	**11.2**	**0.4**
7467800	R1532A	363102.1	7467802.8	DGPS	110.6	34.5	USU	7.5	0	7.5	8.2	7.8	0.0
							ICSU	7.5	7.5	15	4.1	10.0	0.1
							LSU	15	15	30	1.5	6.6	0.1
							Total	**30**	**0**	**30**	**3.8**	**7.8**	**0.1**
	R1533A	362699.8	7467801.2	DGPS	108.8	45.5	USU	21	0	21	6.7	7.7	0.1
							LSU	24	21	45	1.3	46.2	13.5
							Total	**45**	**0**	**45**	**3.8**	**28.3**	**7.2**
	R1534A	362298.6	7467802.7	DGPS	109.1	26	USU	21	0	21	6.4	5.6	0.0
							ICSU	3	21	24	1.9	12.7	0.1
							LSU	1.5	24	25.5	1.5	7.4	0.1
							Total	**25.5**	**0**	**25.5**	**5.6**	**6.6**	**0.0**
	R1535A	361901.7	7467800.4	DGPS	109.0	53	USU	21	1.5	22.5	7.9	4.5	0.0
							ICSU	9	22.5	31.5	1.7	22.2	0.1
							LSU	21	31.5	52.5	6.3	8.4	1.9
							Total	**51**	**1.5**	**52.5**	**6.2**	**9.2**	**0.8**
	R1536A	361506.8	7467800.0	DGPS	102.5	58.5	USU	22.5	0	22.5	4.0	18.1	0.2
							ICSU	3	22.5	25.5	2.4	12.6	1.1
							LSU	31.5	25.5	57	9.5	7.2	0.4
							Total	**57**	**0**	**57**	**7.0**	**11.8**	**0.4**
7467600	R1538	362399.4	7467601.0	DGPS	112.7	33	USU	24	0	24	6.2	4.0	0.0
							ICSU	6	24	30	1.2	12.5	0.0

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**30**	**0**	**30**	**5.2**	**5.7**	**0.0**
	R1539	362200.0	7467599.8	DGPS	113.7	36.5	USU	27	0	27	6.6	5.5	0.0
							ICSU	4.5	27	31.5	2.3	10.8	0.3
							LSU	4.5	31.5	36	1.1	7.4	0.0
							Total	**36**	**0**	**36**	**5.4**	**6.4**	**0.0**
	R1540	362100.0	7467601.3	DGPS	114.2	45	USU	30	0	30	6.2	4.3	0.0
							ICSU	4.5	30	34.5	1.7	15.9	0.1
							LSU	10.5	34.5	45	1.6	11.1	2.5
							Total	**45**	**0**	**45**	**4.7**	**7.0**	**0.6**
	R1541	362001.0	7467600.9	DGPS	114.2	50.5	USU	25.5	0	25.5	5.6	3.6	0.0
							ICSU	10.5	25.5	36	1.7	26.7	0.2
							LSU	13	36	49	2.3	10.2	7.3
							Total	**49**	**0**	**49**	**3.9**	**10.3**	**2.0**
	R1542	361897.8	7467598.1	DGPS	113.1	59	USU	25.5	0	25.5	7.0	3.9	0.0
							ICSU	9	25.5	34.5	2.2	28.5	0.1
							LSU	24	34.5	58.5	7.7	8.4	0.8
							Total	**58.5**	**0**	**58.5**	**6.6**	**9.5**	**0.4**
	R1543	361801.1	7467602.2	DGPS	111.6	57	USU	25.5	0	25.5	6.2	3.9	0.0
							ICSU	7.5	25.5	33	1.8	26.3	0.1
							LSU	24	33	57	5.1	11.5	0.9
							Total	**57**	**0**	**57**	**5.2**	**10.0**	**0.4**
7467400	R1514A	363400.2	7467402.6	DGPS	106.8	5.5	USU	5.5	0	5.5	7.3	10.7	0.9
							Total	**5.5**	**0**	**5.5**	**7.3**	**10.7**	**0.9**
	R1517A	363099.5	7467399.3	DGPS	108.2	12.5	USU	12.5	0	12.5	5.7	6.8	0.4
							Total	**12.5**	**0**	**12.5**	**5.7**	**6.8**	**0.4**
	R1522A	362699.5	7467397.2	DGPS	115.9	31.5	USU	24	0	24	6.5	4.9	0.0
							ICSU	6	24	30	1.4	15.0	0.1
							Total	**30**	**0**	**30**	**5.5**	**6.9**	**0.0**
	R1526A	362301.9	7467399.9	DGPS	116.5	43.5	USU	27	0	27	5.8	5.2	0.0
							ICSU	6	27	33	2.4	18.6	0.1
							LSU	10.5	33	43.5	4.0	13.5	3.2
							Total	**43.5**	**0**	**43.5**	**4.9**	**9.0**	**0.8**
	R1528A	362099.0	7467399.0	HHGPS	119.2	52.5	USU	28.5	0	28.5	4.7	2.9	0.0
							ICSU	10.5	28.5	39	2.1	19.5	0.3
							LSU	13.5	39	52.5	2.7	14.8	4.6
							Total	**52.5**	**0**	**52.5**	**3.7**	**9.3**	**1.2**
	R1529A	362000.0	7467402.0	HHGPS	118.2	66.5	USU	28.5	0	28.5	4.7	3.3	0.0
							ICSU	10.5	28.5	39	2.2	19.5	0.3
							LSU	27.5	39	66.5	9.9	9.0	0.2
							Total	**66.5**	**0**	**66.5**	**6.5**	**8.2**	**0.1**
	R1530A	361900.6	7467403.3	DGPS	119.1	73	USU	31.5	0	31.5	4.9	5.2	0.0
							ICSU	7.5	31.5	39	2.3	26.9	0.1
							LSU	34	39	73	9.0	10.7	0.6
							Total	**73**	**0**	**73**	**6.6**	**10.0**	**0.3**
7467000	R1484	363898.7	7467000.9	DGPS	111.4	4.5	USU	4.5	0	4.5	2.9	24.7	10.7
							Total	**4.5**	**0**	**4.5**	**2.9**	**24.7**	**10.7**

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
	R1485	363801.9	7467005.8	DGPS	111.1	11	USU	6	0	6	3.3	24.7	6.5
							Total	**6**	**0**	**6**	**3.3**	**24.7**	**6.5**
	R1486	363697.8	7467000.3	DGPS	113.4	8.5	USU	6	0	6	7.7	7.8	0.1
							ICSU	2.5	6	8.5	2.6	25.7	2.6
							Total	**8.5**	**0**	**8.5**	**6.0**	**13.7**	**1.0**
	R1487	363597.4	7467000.5	DGPS	115.8	16	USU	12	0	12	9.1	6.1	0.0
							ICSU	4	12	16	3.8	22.7	1.1
							Total	**16**	**0**	**16**	**7.6**	**10.6**	**0.3**
	R1488	363498.4	7466998.6	DGPS	115.6	16.5	USU	12	0	12	6.4	5.1	0.0
							ICSU	3	12	15	2.4	29.5	1.1
							Total	**15**	**0**	**15**	**5.6**	**10.0**	**0.3**
	R1489	363399.3	7467002.4	DGPS	114.9	16	USU	13.5	0	13.5	6.4	4.3	0.0
							ICSU	2.5	13.5	16	3.4	29.0	0.7
							Total	**16**	**0**	**16**	**5.9**	**8.8**	**0.1**
	R1490	363299.4	7467001.5	DGPS	112.0	20	USU	12	0	12	7.3	5.9	0.0
							ICSU	4.5	12	16.5	3.6	33.4	3.3
							Total	**16.5**	**0**	**16.5**	**6.3**	**13.4**	**0.9**
	R1491	363199.4	7467000.9	DGPS	109.0	32	USU	10.5	0	10.5	7.3	6.2	0.0
							ICSU	3	10.5	13.5	4.0	27.6	0.7
							Total	**13.5**	**0**	**13.5**	**6.6**	**11.0**	**0.2**
	R1492	363099.7	7467001.6	DGPS	107.9	15.5	USU	12	0	12	5.0	5.8	0.0
							ICSU	3	12	15	4.9	18.1	1.0
							Total	**15**	**0**	**15**	**5.0**	**8.3**	**0.2**
	R1493	363002.0	7467002.0	HHGPS	110.6	20.5	USU	16.5	0	16.5	5.3	4.4	0.0
							ICSU	3	16.5	19.5	3.1	24.9	16.8
							Total	**19.5**	**0**	**19.5**	**5.0**	**7.5**	**2.6**
	R1494	362901.9	7467000.7	DGPS	113.0	37	USU	19.5	0	19.5	6.9	3.9	0.0
							ICSU	3	19.5	22.5	8.9	10.1	1.1
							LSU	3	22.5	25.5	2.3	33.4	12.8
							Total	**25.5**	**0**	**25.5**	**6.6**	**8.1**	**1.7**
	R1498	362799.4	7466998.8	DGPS	112.3	25	USU	19.5	0	19.5	4.9	4.7	0.0
							ICSU	4.5	19.5	24	6.5	15.9	3.1
							Total	**24**	**0**	**24**	**5.2**	**6.8**	**0.6**
	R1501	362700.0	7467002.1	DGPS	110.7	24.5	USU	16.5	0	16.5	7.6	3.8	0.0
							ICSU	7.5	16.5	24	3.4	16.7	1.3
							Total	**24**	**0**	**24**	**6.3**	**7.9**	**0.4**
	R1502	362601.8	7467000.8	DGPS	109.4	28	USU	15	0	15	4.8	5.3	0.0
							ICSU	7.5	15	22.5	3.4	23.2	2.0
							Total	**22.5**	**0**	**22.5**	**4.3**	**11.2**	**0.7**
	R1503	362502.3	7466999.1	DGPS	108.5	29	USU	16.5	0	16.5	4.1	6.1	0.0
							Total	**16.5**	**0**	**16.5**	**4.1**	**6.1**	**0.0**
	R1504	362399.6	7466999.6	DGPS	110.5	33	USU	18	0	18	4.8	4.9	0.0
							Total	**18**	**0**	**18**	**4.8**	**4.9**	**0.0**
	R1505	362301.6	7466999.8	DGPS	112.4	79	USU	19.5	0	19.5	4.8	3.0	0.0
							Total	**19.5**	**0**	**19.5**	**4.8**	**3.0**	**0.0**
7466600	R1467	363598.9	7466600.9	DGPS	118.7	15	USU	12	0	12	8.5	8.7	1.2

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**12**	**0**	**12**	**8.5**	**8.7**	**1.2**
	R1468	363502.0	7466599.6	DGPS	117.0	15.5	USU	7.5	0	7.5	7.0	4.5	0.0
							ICSU	7.5	7.5	15	3.7	11.3	0.3
							Total	**15**	**0**	**15**	**5.3**	**7.9**	**0.2**
	R1469	363401.3	7466602.6	DGPS	114.9	16	USU	9	0	9	7.0	6.0	0.0
							ICSU	6	9	15	3.7	9.8	0.0
							Total	**15**	**0**	**15**	**5.7**	**7.5**	**0.0**
	R1470	363302.2	7466600.5	DGPS	113.4	16	USU	7.5	0	7.5	5.3	6.7	0.0
							ICSU	7.5	7.5	15	4.1	11.0	0.0
							Total	**15**	**0**	**15**	**4.7**	**8.8**	**0.0**
	R1471	363196.1	7466602.6	DGPS	112.4	16.5	USU	9	0	9	5.6	8.4	0.1
							ICSU	6	9	15	4.7	14.1	0.2
							Total	**15**	**0**	**15**	**5.2**	**10.7**	**0.1**
	R1472	363098.5	7466602.6	DGPS	112.1	18.5	USU	10.5	0	10.5	6.2	5.8	0.0
							ICSU	7.5	10.5	18	3.5	15.5	0.4
							Total	**18**	**0**	**18**	**5.1**	**9.9**	**0.2**
	R1473	362997.5	7466597.6	DGPS	113.9	21	USU	13.5	0	13.5	5.3	3.2	0.0
							ICSU	7.5	13.5	21	4.0	14.4	1.7
							Total	**21**	**0**	**21**	**4.9**	**7.2**	**0.6**
	R1474	362900.1	7466601.4	DGPS	112.9	22.5	USU	16.5	0	16.5	6.3	3.7	0.6
							ICSU	6	16.5	22.5	2.6	24.7	1.6
							Total	**22.5**	**0**	**22.5**	**5.3**	**9.3**	**0.9**
	R1475	362799.0	7466600.0	DGPS	110.0	23	USU	13.5	0	13.5	5.5	4.1	0.0
							ICSU	9	13.5	22.5	2.8	25.9	0.2
							Total	**22.5**	**0**	**22.5**	**4.4**	**12.8**	**0.1**
	R1476	362701.3	7466602.4	DGPS	108.5	24.5	USU	13.5	0	13.5	5.9	3.8	0.0
							ICSU	4.5	13.5	18	2.7	24.3	0.5
							Total	**18**	**0**	**18**	**5.1**	**8.9**	**0.1**
	R1477	362599.0	7466601.9	DGPS	108.6	27.5	USU	15	0	15	5.4	5.0	0.1
							ICSU	4.5	15	19.5	2.3	31.2	0.5
							LSU	7.5	19.5	27	2.0	26.2	5.0
							Total	**27**	**0**	**27**	**3.9**	**15.2**	**1.5**
	R1478	362499.5	7466597.4	DGPS	109.0	49.5	USU	16.5	0	16.5	3.4	4.2	0.0
							ICSU	6	16.5	22.5	2.1	29.9	1.3
							LSU	27	22.5	49.5	4.2	16.5	2.7
							Total	**49.5**	**0**	**49.5**	**3.7**	**14.0**	**1.6**
	R1479	362400.1	7466599.6	DGPS	104.8	73	USU	12	0	12	4.9	4.4	0.0
							ICSU	7.5	12	19.5	3.0	20.3	0.2
							LSU	53.5	19.5	73	6.0	22.4	6.8
							Total	**73**	**0**	**73**	**5.5**	**19.3**	**5.0**
	R1480	362299.2	7466601.2	DGPS	105.9	63	USU	13.5	0	13.5	4.7	4.2	0.0
							ICSU	9	13.5	22.5	2.1	27.2	0.4
							LSU	37.5	22.5	60	4.8	19.6	4.7
							Total	**60**	**0**	**60**	**4.4**	**17.3**	**3.0**
7465400	R2069	361999.0	7465403.0	HHGPS	116.8	57.5	USU	30	0	30	4.2	2.2	0.0
							ICSU	9	30	39	1.1	32.1	0.1

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							LSU	18.5	39	57.5	6.6	15.8	0.1
							Total	**57.5**	**0**	**57.5**	**4.5**	**11.3**	**0.1**
7463400	R2055	363048.0	7463401.0	HHGPS	124.5	46	USU	27	0	27	4.2	2.8	0.0
							ICSU	7.5	27	34.5	2.5	31.4	0.2
							LSU	10.5	34.5	45	1.5	17.3	1.6
							Total	**45**	**0**	**45**	**3.3**	**10.9**	**0.4**
7463000	R2046	363250.0	7463001.9	DGPS	123.2	30	USU	24	0	24	5.1	3.8	0.0
							ICSU	3	24	27	2.4	45.3	2.6
							Total	**27**	**0**	**27**	**4.8**	**8.4**	**0.3**
7462200	R1435	364248.6	7462200.1	DGPS	120.1	6	USU	4.5	0	4.5	4.3	3.6	0.0
							Total	**4.5**	**0**	**4.5**	**4.3**	**3.6**	**0.0**
	R1436	364648.2	7462201.2	DGPS	132.4	16	USU	15	0	15	5.3	3.0	0.0
							Total	**15**	**0**	**15**	**5.3**	**3.0**	**0.0**
7462000	R1454	363301.5	7461986.4	DGPS	117.9	39.5	USU	24	0	24	3.9	4.6	0.0
							ICSU	7.5	24	31.5	3.5	42.0	2.5
							LSU	7.5	31.5	39	2.5	12.1	3.8
							Total	**39**	**0**	**39**	**3.6**	**13.3**	**1.2**
7461800	R1433	363350.9	7461798.4	DGPS	120.3	43.5	USU	27	0	27	4.5	2.7	0.0
							ICSU	7.5	28.5	36	2.1	42.4	0.1
							LSU	7.5	36	43.5	1.9	10.3	2.8
							Total	**43.5**	**0**	**43.5**	**3.5**	**11.5**	**0.6**
	R1434	363750.3	7461799.5	DGPS	118.8	30	USU	24	0	24	3.4	2.8	0.0
							ICSU	3	24	27	1.6	49.5	0.2
							Total	**27**	**0**	**27**	**3.2**	**8.3**	**0.0**
	R1459	363647.6	7461795.0	DGPS	117.8	34	USU	24	0	24	4.6	3.9	0.0
							ICSU	10	24	34	1.5	49.9	8.5
							Total	**34**	**0**	**34**	**3.7**	**17.9**	**2.6**
	R1460	363548.6	7461795.1	DGPS	117.7	30	USU	24	0	24	3.2	3.8	0.0
							ICSU	6	24	30	1.3	57.8	1.3
							Total	**30**	**0**	**30**	**2.9**	**14.6**	**0.3**
	R1461	363450.7	7461790.3	DGPS	118.4	32.5	USU	27	0	27	5.5	5.6	0.0
							ICSU	5.5	27	32.5	2.3	51.8	1.5
							Total	**32.5**	**0**	**32.5**	**4.9**	**14.0**	**0.3**
7461600	R1462	363498.2	7461603.9	DGPS	120.0	37.5	USU	28.5	0	28.5	3.9	4.0	0.0
							ICSU	7.5	28.5	36	1.1	58.7	4.3
							Total	**36**	**0**	**36**	**3.3**	**15.4**	**0.9**
	R1463	363399.0	7461604.5	DGPS	122.4	37.5	USU	30	0	30	3.3	1.6	0.0
							ICSU	7.5	30	37.5	1.5	56.1	4.7
							Total	**37.5**	**0**	**37.5**	**2.9**	**12.5**	**0.9**
	R1464	363300.3	7461609.4	DGPS	122.1	37	USU	30	0	30	3.9	1.4	0.0
							ICSU	6	30	36	1.4	60.0	1.5
							Total	**36**	**0**	**36**	**3.5**	**11.2**	**0.3**
7461200	R1444	363400.1	7461219.3	DGPS	113.4	33	USU	22.5	0	22.5	1.9	2.9	0.0
							ICSU	7.5	22.5	30	1.9	43.9	0.0
							Total	**30**	**0**	**30**	**1.9**	**13.1**	**0.0**
	R1445	363299.9	7461227.1	DGPS	112.8	30	USU	21	0	21	2.8	2.8	0.0

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							ICSU	3	21	24	3.0	45.6	0.1
							Total	**24**	**0**	**24**	**2.8**	**8.1**	**0.0**
	R1446	363197.4	7461200.1	DGPS	111.6	33	USU	24	0	24	4.5	4.3	0.0
							ICSU	6	24	30	1.3	66.0	1.7
							Total	**30**	**0**	**30**	**3.9**	**16.7**	**0.4**
7461000	R1989	363399.2	7461000.5	DGPS	110.4	45	USU	19.5	0	19.5	3.3	2.4	0.0
							ICSU	15	19.5	34.5	2.8	33.4	0.8
							LSU	10.5	34.5	45	1.7	9.3	0.6
							Total	**45**	**0**	**45**	**2.8**	**14.3**	**0.4**
7460800	R1977	363600.1	7460802.8	DGPS	110.7	48	USU	18	0	18	3.5	2.2	0.0
							ICSU	6	18	24	3.5	36.5	0.7
							LSU	21	24	45	3.9	14.9	1.2
							Total	**45**	**0**	**45**	**3.7**	**12.7**	**0.7**
	R1980	363202.6	7460800.6	DGPS	109.9	58.5	USU	25.5	0	25.5	3.7	1.6	0.0
							ICSU	3	25.5	28.5	4.7	12.8	0.1
							LSU	30	28.5	58.5	5.2	7.0	0.1
							Total	**58.5**	**0**	**58.5**	**4.5**	**5.0**	**0.0**
7460600	R1432	363146.6	7460599.7	DGPS	109.5	70	USU	25.5	0	25.5	3.2	3.0	0.0
							ICSU	6	25.5	31.5	3.2	37.6	0.1
							LSU	37.5	31.5	69	5.4	5.2	0.3
							Total	**69**	**0**	**69**	**4.4**	**7.2**	**0.2**
	R1465	363448.3	7460595.6	DGPS	112.5	57	USU	21	0	21	2.3	2.4	0.0
							ICSU	13.5	21	34.5	3.2	31.5	0.2
							LSU	22.5	34.5	57	3.9	18.0	0.7
							Total	**57**	**0**	**57**	**3.2**	**15.5**	**0.3**
	R1496	363253.0	7460597.2	DGPS	110.6	74.5	USU	24	0	24	2.7	2.6	0.0
							Total	**24**	**0**	**24**	**2.7**	**2.6**	**0.0**
	R1497	363349.2	7460597.4	DGPS	112.0	87	USU	21	0	21	2.5	4.3	0.0
							ICSU	7.5	21	28.5	4.8	19.8	1.0
							Total	**28.5**	**0**	**28.5**	**3.0**	**7.7**	**0.2**
7460400	R1410	363197.0	7460390.0	HHGPS	111.4	72.5	USU	27	0	27	2.7	2.4	0.0
							ICSU	9	27	36	3.6	21.8	3.9
							LSU	34.5	36	70.5	5.6	4.6	0.8
							Total	**70.5**	**0**	**70.5**	**4.2**	**6.0**	**0.9**
	R1437	363900.1	7460401.9	DGPS	115.9	49	USU	21	0	21	2.8	2.7	0.0
							ICSU	10.5	21	31.5	4.3	30.7	9.0
							LSU	17.5	31.5	49	4.0	5.8	3.2
							Total	**49**	**0**	**49**	**3.6**	**9.8**	**3.1**
	R1438	363810.4	7460394.4	DGPS	114.6	49.5	USU	19.5	0	19.5	2.9	3.9	0.1
							ICSU	10.5	19.5	30	3.3	35.0	7.6
							LSU	19.5	30	49.5	2.9	8.1	2.9
							Total	**49.5**	**0**	**49.5**	**3.0**	**12.2**	**2.8**
	R1439	363700.6	7460399.2	DGPS	113.3	54	USU	19.5	0	19.5	2.4	3.0	0.0
							ICSU	12	19.5	31.5	2.1	36.5	9.3
							LSU	18	31.5	49.5	4.2	13.2	1.8
							Total	**49.5**	**0**	**49.5**	**3.0**	**14.8**	**2.9**

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
	R1440	363600.5	7460404.0	DGPS	113.1	54	USU	21	0	21	1.8	2.8	0.0
							ICSU	9	21	30	2.1	47.0	0.3
							LSU	21	30	51	4.1	7.7	1.3
							Total	**51**	**0**	**51**	**2.8**	**12.6**	**0.6**
	R1441	363496.9	7460399.2	DGPS	114.1	35	USU	22.5	0	22.5	2.3	4.3	0.0
							ICSU	12	22.5	34.5	2.4	39.9	7.2
							Total	**34.5**	**0**	**34.5**	**2.3**	**16.7**	**2.5**
	R1442	363401.1	7460384.0	DGPS	113.2	54	USU	27	0	27	2.3	3.9	0.0
							ICSU	5	27	32	2.9	25.5	10.0
							LSU	22	32	54	5.0	10.0	2.5
							Total	**54**	**0**	**54**	**3.5**	**8.7**	**2.1**
	R1443	363300.8	7460389.3	DGPS	112.6	73.5	USU	27	0	27	2.3	4.5	0.0
							ICSU	9	27	36	3.6	30.4	5.9
							LSU	37.5	36	73.5	8.1	7.4	1.4
							Total	**73.5**	**0**	**73.5**	**5.4**	**9.2**	**1.4**
7460200	R1427	364493.6	7460202.8	DGPS	118.9	21	USU	18	0	18	5.5	3.3	0.0
							ICSU	1.5	18	19.5	3.3	36.7	0.5
							Total	**19.5**	**0**	**19.5**	**5.4**	**5.9**	**0.0**
	R1428	364296.0	7460196.3	DGPS	117.1	31.5	USU	19.5	0	19.5	4.7	5.0	0.0
							ICSU	9	19.5	28.5	1.3	54.0	7.1
							LSU	1.5	28.5	30	1.3	48.3	0.2
							Total	**30**	**0**	**30**	**3.5**	**21.9**	**2.1**
	R1429	364098.6	7460203.0	DGPS	115.1	45	USU	21	0	21	2.4	4.4	0.0
							ICSU	9	21	30	4.4	40.6	2.8
							LSU	12	30	42	8.4	17.2	3.1
							Total	**42**	**0**	**42**	**4.5**	**15.8**	**1.5**
	R1430	363901.7	7460200.5	DGPS	114.3	45.5	USU	19.5	0	19.5	2.9	3.1	0.0
							ICSU	10.5	19.5	30	3.3	41.6	7.3
							LSU	15	30	45	3.3	6.2	2.2
							Total	**45**	**0**	**45**	**3.1**	**11.1**	**2.1**
	R1431	363700.3	7460202.9	DGPS	112.8	31	USU	19.5	0	19.5	3.4	2.6	0.0
							ICSU	9	19.5	28.5	1.6	52.2	4.0
							Total	**28.5**	**0**	**28.5**	**2.7**	**20.1**	**1.4**
7460000	R1421	363398.5	7460002.3	DGPS	110.3	70.5	USU	24	0	24	4.4	2.7	0.0
							ICSU	7.5	24	31.5	2.8	23.5	0.1
							LSU	39	31.5	70.5	5.9	6.3	0.1
							Total	**70.5**	**0**	**70.5**	**5.0**	**6.9**	**0.1**
	R1422	363696.3	7460001.0	DGPS	111.7	55.5	USU	19.5	0	19.5	2.9	2.4	0.0
							ICSU	10.5	19.5	30	3.6	24.4	0.3
							LSU	24	30	54	3.5	7.6	0.8
							Total	**54**	**0**	**54**	**3.3**	**9.0**	**0.4**
	R1423	363900.6	7460006.1	DGPS	113.2	54	USU	19.5	0	19.5	2.5	4.6	0.0
							ICSU	12	19.5	31.5	2.5	38.7	6.1
							LSU	18	31.5	49.5	2.7	6.4	1.7
							Total	**49.5**	**0**	**49.5**	**2.6**	**13.8**	**2.2**
	R1424	364106.8	7460005.6	DGPS	114.5	48	USU	21	0	21	4.2	4.9	0.0

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							ICSU	7.5	21	28.5	2.5	51.3	8.3
							LSU	18	28.5	46.5	7.3	11.6	3.9
							Total	**46.5**	**0**	**46.5**	**5.1**	**15.0**	**2.8**
	R1425	364309.6	7459995.3	DGPS	116.3	24	USU	19.5	0	19.5	5.0	6.0	0.0
							ICSU	1.5	19.5	21	1.3	36.2	25.8
							Total	**21**	**0**	**21**	**4.8**	**8.2**	**1.9**
	R1426	364503.1	7459993.2	DGPS	119.8	42	USU	21	0	21	5.1	4.2	0.0
							ICSU	13.5	21	34.5	1.9	48.2	12.6
							LSU	6	34.5	40.5	12.3	4.8	1.1
							Total	**40.5**	**0**	**40.5**	**5.1**	**19.0**	**4.4**
	R1499	364000.5	7460002.4	DGPS	113.7	47.5	USU	19.5	0	19.5	3.4	3.4	0.0
							ICSU	1.5	19.5	21	2.6	42.3	1.2
							Total	**21**	**0**	**21**	**3.4**	**6.2**	**0.1**
	R1500	363798.9	7459998.7	DGPS	112.5	77.5	USU	19.5	0	19.5	2.5	4.6	0.0
							ICSU	9	19.5	28.5	3.1	32.1	0.4
							LSU	15	28.5	43.5	3.8	9.0	0.4
							Total	**43.5**	**0**	**43.5**	**3.1**	**11.2**	**0.2**
	R1575	363499.6	7460008.6	DGPS	111.2	73.5	USU	24	0	24	2.9	2.6	0.0
							ICSU	7.5	24	31.5	4.0	20.0	0.3
							LSU	42	31.5	73.5	4.9	7.9	0.7
							Total	**73.5**	**0**	**73.5**	**4.2**	**7.4**	**0.5**
	R1576	363597.7	7459997.7	DGPS	111.6	66	USU	24	0	24	2.9	3.0	0.0
							ICSU	10.5	24	34.5	3.7	21.7	0.9
							LSU	31.5	34.5	66	3.6	14.1	1.2
							Total	**66**	**0**	**66**	**3.4**	**11.3**	**0.7**
	R1577	363197.0	7460003.0	DGPS	110.1	66	USU	25.5	0	25.5	2.3	3.7	0.0
							ICSU	6	25.5	31.5	2.9	20.0	0.1
							LSU	34.5	31.5	66	2.2	6.9	0.0
							Total	**66**	**0**	**66**	**2.3**	**6.9**	**0.0**
7459800	R1359	363686.3	7459774.1	DGPS	111.1	49	USU	24	0	24	2.8	2.6	0.0
							ICSU	16.5	24	40.5	3.5	12.5	0.1
							LSU	7.5	40.5	48	3.4	4.0	0.0
							Total	**48**	**0**	**48**	**3.1**	**6.2**	**0.0**
	R1360	363899.5	7459801.4	DGPS	112.6	48	USU	19.5	0	19.5	2.9	2.7	0.0
							ICSU	9	19.5	28.5	3.1	36.5	4.5
							LSU	18	28.5	46.5	5.6	6.4	2.0
							Total	**46.5**	**0**	**46.5**	**4.0**	**10.7**	**1.7**
	R1361	364104.6	7459799.6	DGPS	113.7	27	USU	19.5	0	19.5	3.9	4.3	0.0
							ICSU	1.5	19.5	21	1.8	53.6	0.6
							Total	**21**	**0**	**21**	**3.8**	**7.9**	**0.0**
	R1362	364201.3	7459798.5	DGPS	114.3	27	USU	19.5	0	19.5	3.8	4.3	0.0
							ICSU	3	19.5	22.5	2.4	50.0	0.7
							Total	**22.5**	**0**	**22.5**	**3.7**	**10.4**	**0.1**
	R1363	364292.7	7459803.9	DGPS	115.0	22	USU	19.5	0	19.5	3.7	7.1	0.0
							Total	**19.5**	**0**	**19.5**	**3.7**	**7.1**	**0.0**
	R1364	364400.2	7459802.1	DGPS	117.4	21	USU	19.5	0	19.5	5.6	3.2	0.0

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**19.5**	**0**	**19.5**	**5.6**	**3.2**	**0.0**
	R1365	364498.0	7459799.0	HHGPS	121.4	23	USU	22.5	0	22.5	5.6	4.1	0.2
							Total	**22.5**	**0**	**22.5**	**5.6**	**4.1**	**0.2**
	R1366	364451.4	7459797.2	DGPS	119.5	21.5	USU	21	0	21	5.9	4.1	0.0
							Total	**21**	**0**	**21**	**5.9**	**4.1**	**0.0**
	R1367	364350.0	7459793.0	HHGPS	115.6	21	USU	19.5	0	19.5	4.9	4.1	0.0
							Total	**19.5**	**0**	**19.5**	**4.9**	**4.1**	**0.0**
	R1368	364253.0	7459804.0	HHGPS	114.7	24	USU	19.5	0	19.5	3.7	6.4	0.1
							Total	**19.5**	**0**	**19.5**	**3.7**	**6.4**	**0.1**
	R1369	364151.7	7459801.7	DGPS	114.0	21	USU	18	0	18	3.5	3.6	0.0
							Total	**18**	**0**	**18**	**3.5**	**3.6**	**0.0**
7459700	R1370	364298.1	7459705.3	DGPS	114.7	21.5	USU	19.5	0	19.5	4.1	4.8	0.0
							Total	**19.5**	**0**	**19.5**	**4.1**	**4.8**	**0.0**
	R1371	364199.8	7459703.7	DGPS	113.7	21.5	USU	18	0	18	3.5	3.7	0.0
							Total	**18**	**0**	**18**	**3.5**	**3.7**	**0.0**
	R1372	364104.4	7459705.7	DGPS	113.3	21.5	USU	19.5	0	19.5	3.1	3.9	0.0
							Total	**19.5**	**0**	**19.5**	**3.1**	**3.9**	**0.0**
	R1373	364002.8	7459704.2	DGPS	112.9	30	USU	21	0	21	3.8	3.7	0.0
							ICSU	6	21	27	1.9	48.3	3.1
							Total	**27**	**0**	**27**	**3.4**	**11.5**	**0.6**
7459600	R1374	364497.0	7459603.0	HHGPS	122.9	26	USU	25.5	0	25.5	6.4	3.0	0.0
							Total	**25.5**	**0**	**25.5**	**6.4**	**3.0**	**0.0**
	R1375	364300.4	7459598.4	DGPS	115.1	23	USU	19.5	0	19.5	5.0	3.5	0.0
							Total	**19.5**	**0**	**19.5**	**5.0**	**3.5**	**0.0**
	R1376	364201.4	7459604.8	DGPS	113.0	39.5	USU	18	0	18	3.6	4.0	0.0
							ICSU	9	18	27	4.0	31.8	10.0
							LSU	12	27	39	11.7	7.1	5.0
							Total	**39**	**0**	**39**	**6.2**	**11.4**	**3.8**
	R1377	364105.6	7459601.4	DGPS	112.6	39	USU	19.5	0	19.5	2.6	3.8	0.0
							ICSU	9	19.5	28.5	3.4	29.1	11.2
							LSU	10.5	28.5	39	7.1	5.7	4.6
							Total	**39**	**0**	**39**	**4.0**	**10.2**	**3.8**
	R1378	363991.6	7459600.8	DGPS	112.5	33	USU	21	0	21	2.0	3.2	0.0
							ICSU	9	21	30	3.2	37.1	0.2
							LSU	3	30	33	3.7	4.1	0.0
							Total	**33**	**0**	**33**	**2.5**	**12.5**	**0.1**
	R1379	363901.4	7459598.4	DGPS	112.2	54	USU	19.5	0	19.5	2.7	3.9	0.0
							ICSU	10.5	19.5	30	3.6	31.6	2.4
							LSU	19.5	30	49.5	5.0	4.2	0.3
							Total	**49.5**	**0**	**49.5**	**3.8**	**9.2**	**0.6**
	R1380	363699.4	7459603.3	DGPS	110.4	57	USU	21	0	21	2.3	4.3	0.0
							ICSU	4.5	21	25.5	4.6	11.2	0.1
							LSU	31.5	25.5	57	3.3	7.8	2.1
							Total	**57**	**0**	**57**	**3.0**	**6.8**	**1.2**
	R1381	363600.7	7459605.4	DGPS	110.1	57	USU	22.5	0	22.5	3.7	4.5	0.1
							ICSU	10.5	22.5	33	5.1	14.6	0.1

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							LSU	24	33	57	2.8	7.8	0.0
							Total	**57**	**0**	**57**	**3.6**	**7.8**	**0.1**
	R1382	363401.1	7459598.4	DGPS	110.3	60	USU	19.5	0	19.5	2.7	3.0	0.0
							ICSU	13.5	19.5	33	4.5	10.8	0.0
							LSU	27	33	60	3.6	4.6	0.0
							Total	**60**	**0**	**60**	**3.5**	**5.5**	**0.0**
7459500	R1385	363993.8	7459498.0	DGPS	112.1	55.5	USU	19.5	0	19.5	2.6	3.4	0.0
							ICSU	9	19.5	28.5	6.6	18.3	0.0
							LSU	22.5	28.5	51	3.2	3.6	0.0
							Total	**51**	**0**	**51**	**3.6**	**6.3**	**0.0**
	R1386	364102.4	7459502.4	DGPS	112.1	45	USU	18	0	18	2.6	3.4	0.0
							ICSU	9	18	27	3.2	35.7	1.0
							LSU	18	27	45	3.9	6.9	0.6
							Total	**45**	**0**	**45**	**3.2**	**11.3**	**0.5**
	R1387	364152.7	7459493.3	DGPS	112.3	41	USU	19.5	0	19.5	2.7	3.7	0.0
							ICSU	9	19.5	28.5	3.6	29.2	5.9
							LSU	12	28.5	40.5	3.8	12.7	6.1
							Total	**40.5**	**0**	**40.5**	**3.2**	**12.0**	**3.0**
	R1388	364201.3	7459505.7	DGPS	112.6	40	USU	18	0	18	4.3	2.6	0.0
							ICSU	12	18	30	5.7	26.2	9.4
							LSU	10	30	40	4.6	5.9	5.4
							Total	**40**	**0**	**40**	**4.8**	**10.5**	**4.2**
	R1389	364248.5	7459502.6	DGPS	114.0	41.5	USU	19.5	0	19.5	3.6	3.1	0.0
							ICSU	9	19.5	28.5	4.5	31.4	6.8
							LSU	13	28.5	41.5	7.6	5.0	1.7
							Total	**41.5**	**0**	**41.5**	**5.1**	**9.8**	**2.0**
	R1403	364150.0	7459549.3	DGPS	112.5	40.5	USU	19.5	0	19.5	2.9	5.3	0.0
							ICSU	9	19.5	28.5	3.5	30.0	5.0
							LSU	10.5	28.5	39	6.6	6.3	1.9
							Total	**39**	**0**	**39**	**4.0**	**11.3**	**1.7**
	R1406	364198.4	7459550.0	DGPS	112.7	39.5	USU	18	0	18	3.5	3.4	0.0
							ICSU	9	18	27	4.7	33.7	5.5
							LSU	12	27	39	7.7	6.5	3.7
							Total	**39**	**0**	**39**	**5.0**	**11.6**	**2.4**
	R1407	364249.8	7459546.4	DGPS	114.3	41.5	USU	19.5	0	19.5	4.0	3.4	0.0
							ICSU	10.5	19.5	30	5.9	30.0	7.1
							LSU	10.5	30	40.5	9.3	4.1	4.0
							Total	**40.5**	**0**	**40.5**	**5.9**	**10.5**	**2.9**
	R1408	364300.8	7459546.2	DGPS	116.2	43.5	USU	21	0	21	4.0	3.3	0.0
							ICSU	10.5	21	31.5	4.4	25.0	8.8
							LSU	10.5	31.5	42	7.4	5.8	4.0
							Total	**42**	**0**	**42**	**5.0**	**9.3**	**3.2**
7459400	R1390	363696.2	7459401.3	DGPS	110.5	69.5	USU	22.5	0	22.5	2.5	2.8	0.0
							ICSU	9	22.5	31.5	5.3	15.6	0.1
							LSU	27	31.5	58.5	3.3	5.9	0.0
							Total	**58.5**	**0**	**58.5**	**3.3**	**6.2**	**0.0**

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
	R1391	363901.7	7459395.5	DGPS	111.9	57	USU	22.5	0	22.5	3.4	2.9	0.0
							ICSU	1.5	22.5	24	5.6	7.3	0.4
							LSU	31.5	24	55.5	3.3	4.8	0.0
							Total	**55.5**	**0**	**55.5**	**3.4**	**4.0**	**0.0**
	R1392	364003.2	7459394.0	DGPS	111.9	58.5	USU	19.5	0	19.5	2.1	3.2	0.0
							ICSU	6	19.5	25.5	7.4	12.8	0.0
							Total	**25.5**	**0**	**25.5**	**3.4**	**5.5**	**0.0**
	R1393	364103.5	7459398.6	DGPS	111.8	48	USU	19.5	0	19.5	3.3	4.9	0.3
							ICSU	9	19.5	28.5	5.8	17.8	0.1
							LSU	19.5	28.5	48	3.8	6.1	0.0
							Total	**48**	**0**	**48**	**4.0**	**7.8**	**0.1**
	R1394	364147.9	7459398.7	DGPS	111.7	46	USU	19.5	0	19.5	3.3	5.1	0.0
							ICSU	10.5	19.5	30	8.6	28.4	1.2
							LSU	15	30	45	5.2	13.4	2.6
							Total	**45**	**0**	**45**	**5.2**	**13.3**	**0.9**
	R1395	364201.6	7459404.0	DGPS	111.9	40	USU	18	0	18	3.8	3.2	0.0
							ICSU	9	19.5	28.5	4.4	31.1	5.9
							LSU	11.5	28.5	40	7.3	8.6	2.9
							Total	**40**	**0**	**40**	**5.0**	**11.3**	**2.3**
	R1396	364249.3	7459400.2	DGPS	112.7	49	USU	19.5	0	19.5	4.1	3.6	0.0
							ICSU	9	19.5	28.5	4.3	31.5	6.7
							LSU	20.5	28.5	49	4.7	11.0	4.5
							Total	**49**	**0**	**49**	**4.4**	**11.8**	**3.2**
	R1397	364301.8	7459398.8	DGPS	114.8	42	USU	21	0	21	4.7	5.4	0.0
							ICSU	9	21	30	4.9	32.3	7.6
							LSU	3	30	33	5.4	7.1	0.9
							Total	**33**	**0**	**33**	**4.8**	**12.0**	**1.9**
	R1398	364496.4	7459397.5	DGPS	123.6	45.5	USU	25.5	0	25.5	6.4	2.6	0.0
							ICSU	15	25.5	40.5	2.5	42.2	7.3
							LSU	4.5	40.5	45	6.9	9.1	0.7
							Total	**45**	**0**	**45**	**5.1**	**16.5**	**2.5**
	R1409	364302.5	7459448.0	DGPS	115.7	43.5	USU	21	0	21	5.2	3.0	0.0
							ICSU	9	21	30	4.6	32.9	5.8
							LSU	13.5	30	43.5	7.1	6.7	3.2
							Total	**43.5**	**0**	**43.5**	**5.6**	**10.3**	**2.2**
	R1413	364251.3	7459449.7	DGPS	113.5	42	USU	19.5	0	19.5	3.5	2.9	0.0
							ICSU	7.5	19.5	27	3.6	33.4	9.0
							LSU	13.5	27	40.5	6.9	7.2	3.0
							Total	**40.5**	**0**	**40.5**	**4.6**	**10.1**	**2.7**
	R1414	364200.2	7459449.0	DGPS	112.3	40.5	USU	18	0	18	3.7	2.3	0.0
							ICSU	7.5	18	25.5	2.7	35.6	10.1
							LSU	13.5	25.5	39	6.4	7.6	5.2
							Total	**39**	**0**	**39**	**4.5**	**10.5**	**3.8**
	R1418	364156.3	7459449.8	DGPS	112.1	47	USU	19.5	0	19.5	3.8	3.2	0.0
							ICSU	9	21	30	5.6	25.3	3.4
							LSU	16.5	30	46.5	4.0	9.7	3.3

Section	Hole ID	Easting	Northing	Survey	RL LIDAR	Hole Depth (m)	Unit	Interval (m)	From (m)	To (m)	HM (%)	SL (%)	OS (%)
							Total	**46.5**	**0**	**46.5**	**4.2**	**10.0**	**1.9**
7459100	R1993	364197.7	7459102.1	DGPS	110.1	60	USU	21	0	21	4.2	3.6	0.0
							ICSU	4.5	21	25.5	6.4	14.9	0.0
							LSU	30	25.5	55.5	4.0	8.5	0.6
							Total	**55.5**	**0**	**55.5**	**4.3**	**7.2**	**0.3**
	R1994	363999.2	7459099.5	DGPS	110.5	58.5	USU	19.5	0	19.5	2.9	2.2	0.0
							ICSU	4.5	19.5	24	4.4	12.5	0.0
							LSU	12	24	36	3.3	5.8	0.0
							Total	**36**	**0**	**36**	**3.2**	**4.7**	**0.0**
7457600	R1586	364802.9	7457601.2	DGPS	122.4	31.5	USU	28.5	0	28.5	5.3	4.3	0.2
							ICSU	3	28.5	31.5	3.3	34.2	3.9
							Total	**31.5**	**0**	**31.5**	**5.1**	**7.1**	**0.5**
	R1587	364698.4	7457599.6	DGPS	122.0	34	USU	30	0	30	3.6	2.5	0.0
							ICSU	3	30	33	2.6	35.8	2.7
							Total	**33**	**0**	**33**	**3.5**	**5.6**	**0.3**
	R1588	364597.6	7457599.4	DGPS	122.7	75	USU	31.5	0	31.5	3.4	2.7	0.0
							ICSU	9	31.5	40.5	3.7	24.6	0.9
							LSU	33	40.5	73.5	3.0	6.7	0.8
							Total	**73.5**	**0**	**73.5**	**3.3**	**7.2**	**0.5**
	R1589	364500.0	7457600.4	DGPS	122.4	68.5	USU	31.5	0	31.5	4.3	2.8	0.0
							ICSU	9	31.5	40.5	3.3	26.0	2.5
							LSU	28	40.5	68.5	4.8	6.0	1.0
							Total	**68.5**	**0**	**68.5**	**4.4**	**7.2**	**0.7**

Appendix 2

JORC Code, 2012 Edition

Section 1 Sampling Techniques and Data

Criteria	Explanation	Comment
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1m samples from which 3kg was pulverised to produce a 30g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	All holes were drilled vertically. All holes were sampled over a consistent 1.5m interval. 0.4% of samples have a different interval, usually because of drill rig refusal. All holes were drilled using a reverse circulation Wallis Drill setup to collect the complete sample with a basic cyclone separation by means of a swivel outlet feeding a 20 litre bucket. Sample splitting using a 15mm riffle splitter was carried out for the 2018-19 drilling program.
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	All holes were drilled vertically. All drilling was undertaken using an air pressured reverse circulation Wallis Mantis drill. Core diameter is NQ (76mm external diameter), with 3m rod lengths fitted with a face discharge drill bit.

Criteria	Explanation	Comment
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	Wallis Mantis drill rig uses face discharge bits, at low air pressures (105 - 140kPa) and low rotation speeds (45-65RPM) to maximize recovery. There is no correlation between recovery and grade resulting in no sample bias.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* *The total length and percentage of the relevant intersections logged.*	All samples were visually checked and logged on site by rig geologist and logged for lithotype, grain size, sorting, colour, competence, moisture content. A small subsample was taken for each drill interval and manually panned for estimation of HM and clay content.

Criteria	Explanation	Comment
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	The material was split using a 15mm single tier riffle to produce a sample for submission of approximately 500 g in a calico sample bag. The calico sample bags were sundried before being shipped. For one sample in every 33, an additional one 500g calico bagged sample were taken for checking purposes. This is referred to as the B sample, the primary sample being designated as the A sample. The A samples were sent Bureau Veritas, South Africa in 2018 and 2019. Separation of concentrates was by heavy liquid (tetrabromoethane (**TBE**) at density 2.95g/cc). All samples were: • Dried, weighed • Sample riffle split to produce 500g A sample • Sample screened +1mm weighted • Sample screened -63µm weighed • TBE for heavy media separation • TBE Floats weighed • TBE Sinks weighed
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	Analytical procedure conforms to AS4350.2-1999; Australian Standards Heavy mineral sand concentrates - Physical testing using TBE. Quality control procedures: • Regular checks of analyses • Against estimates from field logging • Submission of B samples to a second laboratory • Submission of randomly inserted control samples at a rate on about 1 in 50 • Duplicate sample analyses • Extra samples taken irregularly in high grade areas

Criteria	Explanation	Comment
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* *Discuss any adjustment to assay data.*	Assay data was compared with geology logs of panned HM grades for out of range assay produced by site geologist. 2018-19 drilling, logging and sampling undertaken by Base Resources company geologists. Validation of the 2018 drilling was undertaken independently by IHC Robbins.
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* *Specification of the grid system used.* *Quality and adequacy of topographic control.*	2018 drill hole collars were surveyed using DGPS. 2019 drill collars were surveyed primarily by DGPS, although 72 holes are awaiting DGSP survey and have hand held GPS coordinates. Topographic data was derived from ground controlled LIDAR survey undertaken by Southern Surveys. All drill holes are vertical; down hole surveys were deemed unnecessary. Grid system used throughout the program UTM Grid, Zone 38S, WG84.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.* *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* *Whether sample compositing has been applied.*	Four basic drill patterns used: • 100mE spacing along line with 200mN between lines with 50m hole offset • 100mE spacing along line with 400mN between lines • 200mE spacing along line with 800mN between lines • 200mE spacing along line with 1600mN between lines Variography demonstrates that drill spacing of 100mE x 200mN sufficient to classify as Measured Resource; 100mE x 400mN sufficient to classify as Indicated Resource. No sample compositing has been applied.

Criteria	Explanation	Comment
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	All drill holes were drilled vertically. The deposit is relatively flat lying. Drill line were drilled north - south, east - west within 12 degrees of the deposit anisotropy. No bias to drill grid sampling has been introduced.
Sample security	*The measures taken to ensure sample security.*	All samples were placed in calico bags and grouped in rice bags by drill hole for transport to Base Resources' storage yard. The samples bags were labelled by both marker and aluminium tags for drill hole number and sample depth. The samples were delivered to the laboratory sealed with cable ties inside a sealed 20 litre bucket and with a shipment form.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	Audits and reviews or the sampling data and techniques have been carried out by: • IHC Robbins 2018 • Base Resources internal audits for 2018-19 All review and audits considered the sampling and analysis to be of good quality and suitable for resource estimation.

Section 2 Reporting of Exploration Results

Criteria	Explanation	Comment
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	The Ranobe deposit is 100% owned by Base Resources' subsidiary, Base Toliara SARL which is 100% owned by Base Resources and is located wholly within Mining Lease PDE (Permis D'Exploitation) 37242 (Figure 2). October 2017 saw Mining Lease PDE 37242 merge with both Mining Lease 39130 and Exploration Lease 3315 to form one complete footprint of the previous three leases.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	1999 - 2002 Deposit first discovered and explored by Madagascar Resources NL: • 121 RC aircore holes for 3,074m 2003 - 2009 Ticor/Kumba Resources (Exxaro) joint venture: • 688 RC aircore holes for 15,559m • Pre-Feasibility Study completed 2012 World Titanium Resources: • 363 RC aircore holes • for 8,087m
Geology	*Deposit type, geological setting and style of mineralisation.*	Project comprises a Heavy Mineral Sand deposit and is located on the southwest coast of Madagascar within the Mesozoic Morondava Basin along a 30km wide coastal plain juxtaposed to an Eocene limestone scarp. The coastal plain which is floored by faulted limestone is overlain by a succession of progressively shallowing sequence of beach and lagoon type unconsolidated clastic and subaerial dunes which successively overstep and on-lap onto the basement limestone scarp in the east. The deposit is hosted within a stabilised mega dune system which is arrested along the basement scarp slope and extends for approximately 20km north northwest south southeast. The entire dune unit is mineralised by an assemblage of ilmenite, zircon, rutile and monazite concentrated within the unit by aeolian winnowing. The unit generally thickens westwards away from the scarp slope from 3m to over 100m. The deposit anisotropy parallels the scarp slope, with higher USU HM grades concentrated along the mega- dune crest line. High LSU HM grades are found at about 20m RL about 3km to the west of the USU high grades.

Criteria	Explanation	Comment
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* - easting and northing of the drill hole collar - elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar - dip and azimuth of the hole - down hole length and interception depth - hole length. *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	Madagascar Resources NL drilled: • 121 RC aircore holes for 3,074m Ticor/Kumba Resources (Exxaro) drilled: • 688 RC aircore holes for • 15,559m World Titanium Resources has drilled: • 363 RC aircore holes for • 8,087m Base Resources has drilled: • 770 RC aircore holes for • 29,753m All holes were drilled vertically. Aircore holes averaged 29m depth for the project. 2018-19 drilling had an average depth of 39m as the program looked to also target lower mineralised zones. See drill hole location plan in Figures 3 and 4. Dip and azimuth are -90 and 360 respectively for all drill holes, and therefore are not reported in Tables 1-3. No 2018-19 drillholes have been excluded from Tables 1- 3. The historical holes are not shown in the tables because the principal subject of this report is the high-grade heavy mineralisation discovered in the LSU which is not present in the historical holes (which were heavily focussed on the USU in the eastern part of the mining lease), and therefore their exclusion does not detract from the understanding. The historical holes do, however, appear on the cross sections.

Criteria	Explanation	Comment
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	No aggregation of short length samples was used as samples were consistently sampled at 1m - 3m intervals. The reported drill intercepts are length weighted.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	The deposit is flat lying and intersected by vertical holes, and therefore the reported interval widths are true widths. The 1.5% HM cut-off zone averages 39m thick and ranges in thickness from 6m to 102m.
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	Plan of Mineral Resources see Figures 3 and 4. Cross sections are shown in Figure 5.
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	All 2018-19 drill holes that have been assayed are reported in Tables 1-3. Where assays have not yet been completed, no information is reported. Cross sections at 800m spacing (where this is possible) are reported. Closer spaced sections are not reported either because assays are not yet available, the drill lines are within the Ore Reserves boundary and will not materially affect the Ore Reserves or Mineral Resources estimates or do not add to the understanding of the LSU mineralisation, which is the thrust of this report.

Criteria	Explanation	Comment
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	All assay intercepts, grouped by geological zone, are reported in Tables 1-3. No other available exploration data is considered material to the understanding of the mineralisation reported.
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Future work, if each stage proves positive, will include: • Finishing the assays for drill holes already completed. • Selection and assaying of mineralogical samples. • Additional drilling and assaying to support an inferred category Mineral Resources estimate for the whole of the LSU mineralisation. • Drilling and assaying beyond that over a subset of the LSU mineralisation thought most likely to support economic extraction to support an indicated category Mineral Resources estimate. • Mineral Resources estimation. • Concept and preliminary feasibility studies into the mining of the LSU in conjunction with the overlying units and in the context of mining already planned in the USU (which is described in the ASX announcement dated 12/12/2019 – DFS reinforces Toliara Project as a world class development). • Ore Reserves estimation. • Detailed feasibility study.

Appendix 3
Ranobe Mineral Resources and Ore Reserves estimates

Table 4: The 2019 Ranobe Mineral Resources estimate at a 1.5% HM cut-off.

	Ranobe Mineral Resources as at 23 January 2019							
Category	Material	In Situ HM	HM	SL	OS	HM Assemblage		
						ILM	RUT*	ZIR
	(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)
Measured	419	28	6.6	4	0	75	2.0	5.9
Indicated	375	18	4.9	8	1	72	2.1	5.7
Inferred	499	20	3.9	7	1	70	2.1	5.4
Total	**1,293**	**66**	**5.1**	**6**	**0**	**72**	**2.0**	**5.7**

Table subject to rounding differences.
*RUT reported in the table is rutile + leucoxene mineral species.
All Ranobe Ore Reserves are contained within the Ranobe Mineral Resources.

Table 5: The 2019 Ranobe Ore Reserves estimate.

	Ranobe Ore Reserves as at 6 December 2019								
Category	Tonnes	HM	HM	SL	OS	HM Assemblage (% of HM)			
						ILM	RUT	LEUC**	ZIR
	(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Proved	347	24	7.0	3.8	0.1	75	1.0	1.0	5.9
Probable	239	14	5.8	4.2	0.2	73	1.3	0.8	5.7
Total	**586**	**38**	**6.5**	**3.9**	**0.1**	**74**	**1.1**	**0.9**	**5.9**

Table subject to rounding differences.
** Recovered Leucoxene will be split between Rutile and Chloride Ilmenite products depending on product specification requirements.

Glossary

A5 4350.2-1999	A standard for the determination of heavy mineral content in samples of heavy mineral sand concentrates.
Collar	Location of a drill hole.
Competent Person	The JORC Code requires that a Competent Person must be a Member or Fellow of The Australasian Institute of Mining and Metallurgy, or of the Australian Institute of Geoscientists, or of a 'Recognised Professional Organisation'. A Competent Person must have a minimum of five years' experience working with the style of mineralisation or type of deposit under consideration and relevant to the activity which that person is undertaking.
DGPS	Differential global positioning system.
Easting	A figure representing eastward distance on a map.
HHGPS	Handheld global positioning system.
HM	Heavy mineral.
ICSU	Intermediate clay sand unit.
Indicated Mineral Resource	An Indicated Mineral Resource is that part of a Mineral Resource for which quantity, grade (or quality), densities, shape and physical characteristics are estimated with sufficient confidence to allow the application of Modifying Factors in sufficient detail to support mine planning and evaluation of the economic viability of the deposit.
Inferred Mineral Resource	An Inferred Mineral Resource is that part of a Mineral Resource for which quantity and grade (or quality) are estimated on the basis of limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade (or quality) continuity. It is based on exploration, sampling and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes.
JORC Code	The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, as published by the Joint Ore Reserves Committee of The Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists and Minerals Council of Australia.
LSU	Lower sand unit.
Measured Mineral Resource	A Measured Mineral Resource is that part of a Mineral Resource for which quantity, grade (or quality), densities, shape, and physical characteristics are estimated with confidence sufficient to allow the application of Modifying Factors to support detailed mine planning and final evaluation of the economic viability of the deposit.
Mineral Resources	Mineral Resources are a concentration or occurrence of solid material of economic interest in or on the Earth's crust in such form, grade (or quality), and quantity that there are reasonable prospects for eventual economic extraction. The location, quantity, grade (or quality), continuity and other geological characteristics of a Mineral Resource are known, estimated or interpreted from specific geological evidence and knowledge, including sampling. Mineral Resources are sub-divided, in order of increasing geological confidence, into Inferred, Indicated and Measured categories.
Northing	A figure representing northward distance on a map.
Ore Reserves	Ore Reserves are the economically mineable part of Measured and/or Indicated Mineral Resources.
OS	Oversize
Probable Ore Reserves	The economically mineable part of an Indicated, and in some circumstances, a Measured Mineral Resource. The confidence in the Modifying Factors applying to a Probable Ore Reserve is lower than that applying to a Proved Ore Reserve.
Proved Ore Reserves	The economically mineable part of a Measured Mineral Resource. A Proved Ore Reserve implies a high degree of confidence in the Modifying Factors.
RL Lidar	A, ground-based, laser remote-sensing instrument that provides height measurements.
SEM	A Scanning Electron Microscope is a type of electron microscope that produces images of a sample or minerals by scanning the surface with a focused beam of electrons.
SL	Slime or clay.
USU	Upper sand unit.

Variography	A geostatistical method that investigates the spatial variability and dependence of grade within a deposit. This may also include a directional analysis.
XRF	A spectroscopic method used to determine the chemical composition of a material through analysis of secondary X-ray emissions, generated by excitation of a sample with primary X-rays that are characteristic of a particular element.

----- ENDS -----

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This release has been authorised by Base Resources' Disclosure Committee.

About Base Resources

Base Resources is an Australian based, African focused, mineral sands producer and developer with a track record of project delivery and operational performance. The Company operates the established Kwale Operations in Kenya and is developing the Toliara Project in Madagascar. Base Resources is an ASX and AIM listed company. Further details about Base Resources are available at www.baseresources.com.au.